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62,655 - 65TH ANNUAL CATALOG - 1948

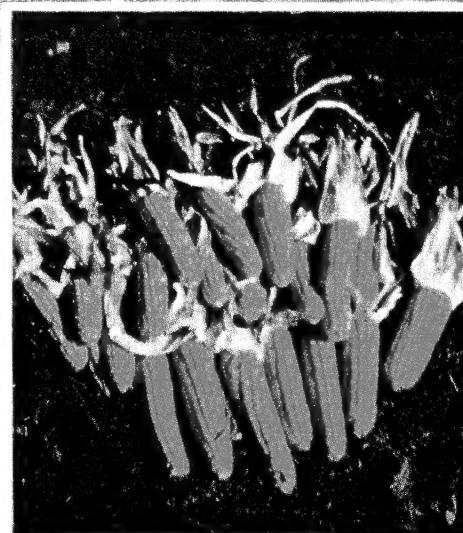
OSCAR H. WILL & CO.

BISMARCK, NORTH DAKOTA



SQUAW CORN

PIONEER
SEEDHOUSE
NURSERY &
GREENHOUSES
OF THE
NORTHWEST



FALCONER CORN

SEED • CORN • SPECIALISTS

SPECIALTIES FROM WILL'S PIONEER SEED HOUSE

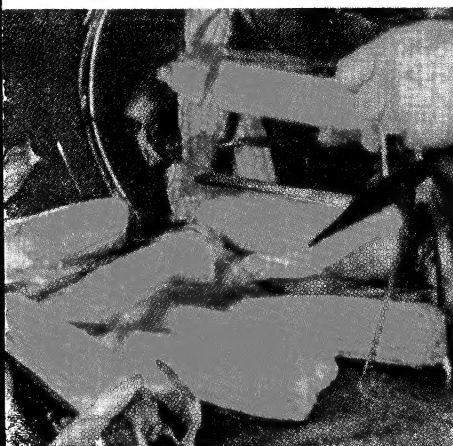
Before you condemn Hybrid Corn try some of Will's Special Gt. Plains Sorts.



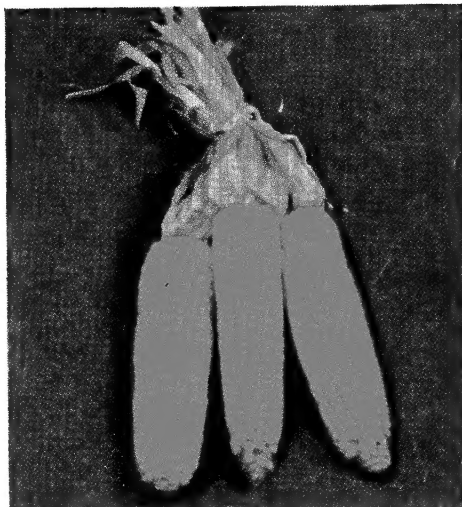
PIONEER HYBRID A
Seed Corn
See page 47.



SUNHYBRID SWEET CORN
¼ lb., 25c; ½ lb., 45c; lb., 75c, Postpaid.
See page 24.



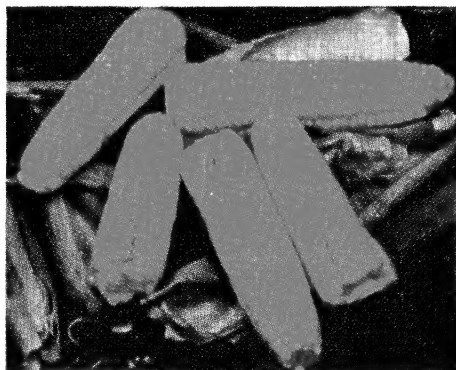
PIONEER HYBRID D
Seed Corn
See page 47.



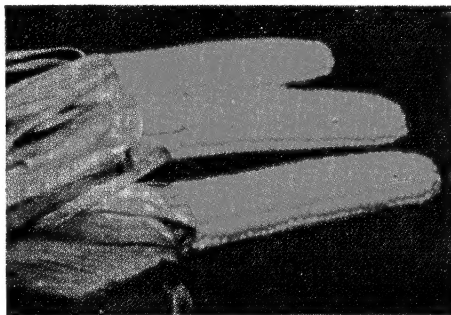
NODAK HYBRID SEED CORN
NO. 301
See page 47.



ORCHARD BABY
Dwarf 55-Day Sweet Corn
Pkt., 10c; ¼ lb., 20c; ½ lb., 35c, Postpaid.
See page 24.



EARLIEST PIONEER
Hybrid Sweet Corn
The earliest hybrid. ¼ lb., 25c; ½ lb., 45c, Postpaid. See page 24.

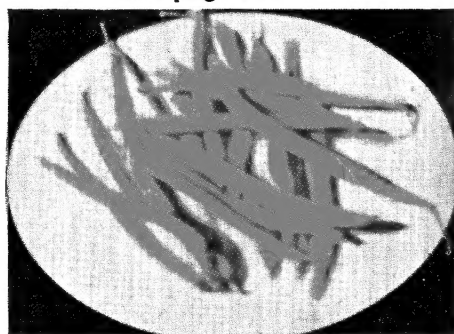


GREAT PLAINS
Golden Bantam
¼ lb., 16c; ½ lb., 25c; lb., 45c, Postpaid.
See page 25.

Convoy Cherry is an outstandingly valuable fruit from Maine to Montana.



CONVOY CHERRY FROM
MANITOBA
Price \$2.25 each. Newest and best of all hardy Cherries.
See page 75.

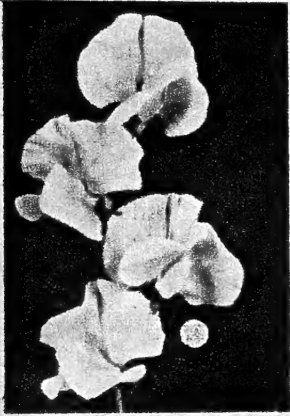


PURE GOLD BEAN
1948 All American Winner
Pkt., 15c; ¼ lb., 25c; ½ lb., 45c, Postpaid.
See page 15.

SAND
CHERRY
18-24 in.
@ 45c.
See
page 75.



OUTSTANDING ITEMS FOR NORTHERN PLANTERS

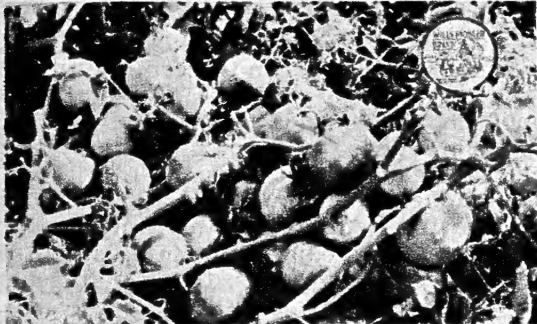


Cuthbertson Sweet Pea

FREEZONIAN PEA. All American Bronze Medal winner for 1948, developed for freezing. An early, hardy, garden and freezing variety, wilt resistant, 30 inches tall, of Thomas Laxton type. The plump, broad pods contain 7 to 8 deep green peas. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.15; 10 lbs., \$4.20.

CUTHBERTSON SWEET PEAS. The ideal type for home gardeners everywhere. In season begins blooming after the Early Flowering sorts and combines an ability to grow and bloom under hot weather conditions with exceptional vigor, length of stem, and abundance of fragrant blossoms. For straight colors see page 12. Mixed: Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.80; $\frac{1}{2}$ lb., \$3.40; 1 lb., \$6.50, postpaid.

ORANGE CHATHAM. The earliest orange or yellow Tomato. Originated at the New Hampshire State Experiment Station, this is a medium sized, high quality Tomato. Packet of 50 seeds, 15c.



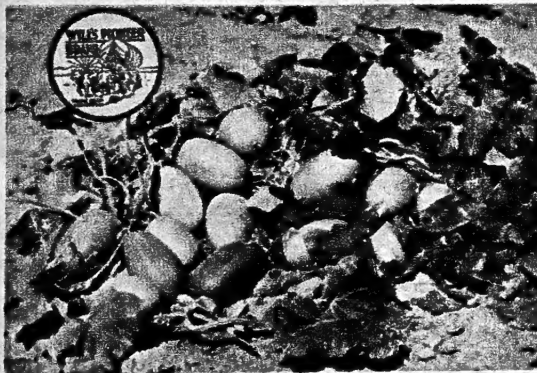
Orange Chatham Tomato



Dakota Wild Plum

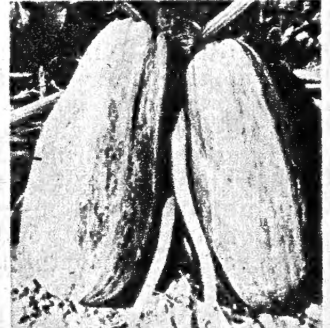
DAKOTA WILD PLUM. A hardy native fruit. Makes superb sauce, jam and jelly. Fits into the wind break. 2 to 3 ft., each 40c; 10, \$3.50. For seedlings see page 59.

EXTRA EARLY SIBERIAN CUCUMBER. Ten days earlier than any of the common varieties. Very prolific. Fruits long lasting and make delicious pickles. Postpaid, pkt., 10c; oz., 35c.



Siberian Cucumber

RED LODGE MARROW SQUASH. One of the earliest, hardiest and most prolific of the type. Very good quality, thick-meated. Came to us from the Italian Colony at Red Lodge, Mont. Postpaid, pkt., 10c; oz., 20c.



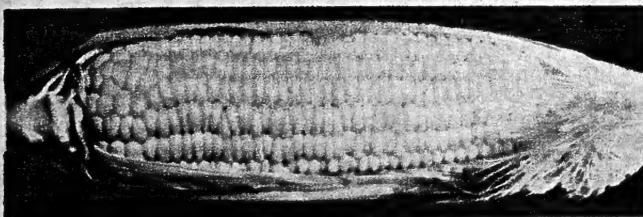
Red Lodge Marrow

ELEGANS LILY. One of the handsomest of June blooming lilies and iron-clad in

hardiness. A long lasting perennial. A profuse blooming brilliant red variety that thrives under almost any condition. Each, 35c; doz., \$3.50. Postpaid, each, 40c; doz., \$4.00.



Elegans Lily



Banana Cream

BANANA CREAM SWEET CORN. Probably the sweetest variety on the list. A tall growing white sweet corn with very large ears which matures almost as early as Golden Bantam. Produces wonderful feed also due to the great size and leafiness. Postpaid, $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c.

FREE**PREMIUMS**

With every order for vegetable and flower seeds of \$25.00 or more, for seed grain or nursery stock of \$50.00 or more we shall be glad to furnish on request two pairs of serviceable brown cloth gloves.

In place of the gloves, for those preferring it, we can send any one of the following items:
FARM RECORD BOOK. Easy system for keeping income tax records and all records required.
THERMOMETER. Outdoor wooden thermometer 12 in. long.

GENERAL INFORMATION**BE SURE TO ORDER EARLY AND AVOID DELAYS & DISAPPOINTMENTS**

All prices quoted are subject to change without notice. Any tax which may be imposed after the printing of this catalog upon items listed must be added by the customer to the quoted price.

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

C.O.D. We fill C.O.D. orders only when 25% of the amount is sent. We do not accept any C.O.D. orders for perishable goods.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods

until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the productiveness of any seeds, trees, plants or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss.

PARCEL POST RATES

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

For Zones 1 and 2—One pound is 9c; 2 lbs., 11c. Add 1c per pound to 11c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 11c plus 5 additional pounds at 1c per pound, or 16c.

Zone 3—One pound is 10c. For each additional pound add 2c.

Zone 4—One pound is 11c. For each additional pound add 3.5c.

Zone 5—One pound is 12c. For each additional pound add 5.5c.

Zone 6—One pound is 13c. For each additional pound add 7c.

Zone 7—One pound is 15c. For each additional pound add 9c.

Zone 8—One pound is 16c. For each additional pound add 11c.

Eighth zone rate covers all Alaska parcels.

North Dakota residents must pay 2% sales tax except on seed and vegetable plants.



Like the performance of the ladies in the drawing above, it looks as though our rejoicing over the winning of World War 2 and the Peace, so-called, that followed it, is somewhat illogical and pointless.

As was observed by several of our illustrious early Americans, the characteristics of industry and attentiveness will carry the world much farther on the road to permanent peace and prosperity than any number of conferences, committees and conversations.

What the world really needs is for all races and nations to buckle down to the job of hard work which can only bring economic salvation.

America is ready to lend a helping hand but can not afford to be sole host for a parasitic world, especially when her own people show a tendency to shun too much real work and to want something for nothing in an ever increasing amount.

Fortunately the farmers are not afflicted with the philosophy of little work and big reward. They are working harder today than any other class and producing more per man.

We are proud to be affiliated with the agricultural population of the Northern Great Plains and to be helping as best we can in the production of agricultural products which are so indispensable to the world.

We hope you will like this, our 66th Catalog. Our cover picture represents the first contact between our earlier agricultural Indian people and our own White race as represented by the boats of the Lewis & Clark Expedition. From the mounted Indians came the early and hardy Corn, Beans, Squashes and Pumpkins which our firm has developed for white gardeners through the years.

A WORD ABOUT HYBRID CORN

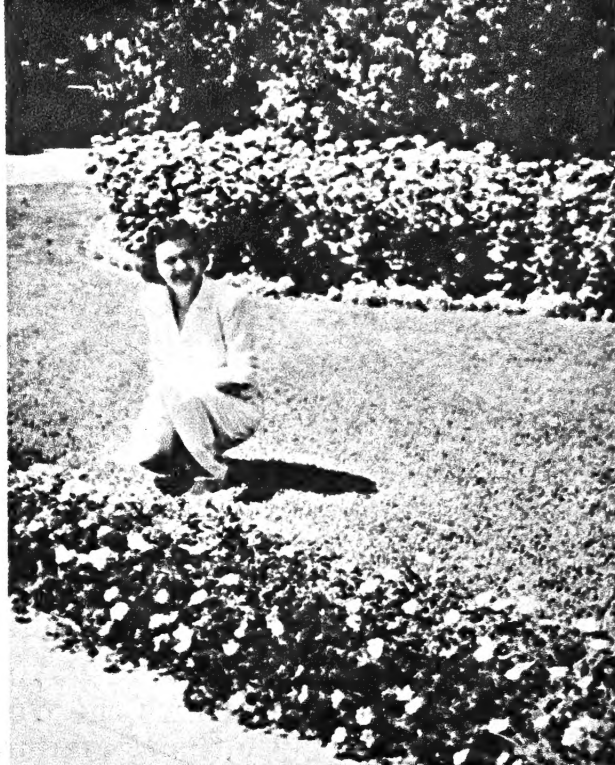


Hybrid Corn

Some have been disappointed in Hybrid Corn and there is no doubt that the fault was with the Hybrid seed they tried. No pure Yellow Dent from the east is suited to Northern Plains conditions. **Our Hybrids contain a combination of Falconer and the best adapted Yellow Dent Corn. They will outyield any pure Dent in the average year, stand more drouth and more cold. Do not give up Hybrid Corn till you have tried Will's Pioneer Hybrids.**

You will find a list of real Great Plains adapted Pioneer Hybrids on page 47.

Will's Flower Seed



Yard of Rev. A. E. Smith

All Flower Seed Postpaid

Something
Extra of Our
Own Selection
Will Be
Included with
Every Order
for Garden
or
Flower Seed
Over 25 cts.

Crimson
Gem
Pompon
Zinnia

Rosy Morn
Petunia

Double
Mixed
Clarkia

Mixed
Dahlia
Flowered
Zinnia

Guinea Gold
Marigold

Radiance
Cosmos

Double Blue
Bachelor Button

Rose
Flowered
Balsam

Blue Perfection Ageratum

Little Gem Alyssum

Golden Glean
Nasturtium

A Suggested
Planting Arrangement
for Items in the Collection

80c For Cutting or Bedding WILL'S GLORIOUS FLOWER COLLECTION 80c

11 Packets of Will's Flower Seeds, One Each of the Following:

Including the 1948 All American Radiance Cosmos. See inside back cover for colored picture.

Blue Perfection Ageratum
Little Gem Alyssum
Double Blue Bachelor Button
Double Mixed Clarkia
Rose Flowered Balsam

Radiance Cosmos
Guinea Gold Marigold
Golden Glean Nasturtium
Rosy Morn Petunia
Dahlia Flowered Zinnia

Crimson Gem Pompon Zinnia

With Cultural Directions and Plan for
Bed Planting.

THE COLLECTION FOR \$1.00



Antirrhinum—Snapdragon

AGERATUM — Blue Perfection
(A). One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 10c; ¼ oz., 45c.

ALYSSUM (A). One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.

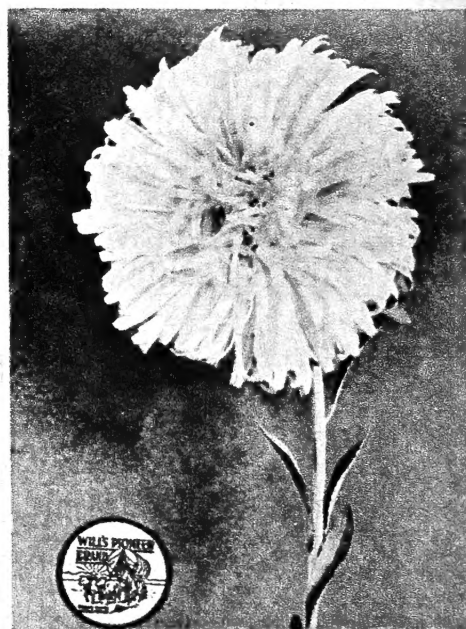
LITTLE GEM. Honey scented white blooms. Pkt., 10c; ¼ oz., 25c; oz., 70c.

VIOLET QUEEN. Deep lavender lilac blossoms. Pkt., 10c; ¼ oz., 35c.

ANTIRRHINUM— SNAPDRAGON

MAJOR MIXED. (A*). The best in Snapdragons — Rust resistant. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unexcelled. Pkt., 15c; ¼ oz., 40c.

ASTERS. The old favorite China Aster brought up to date. (A*).



Improved Crego Aster

IMPROVED CREGO—WILT RESISTANT. A beautiful mid-season sort, growing 2 feet tall, with large blooms borne on long stems. CRIMSON, WHITE, AZURE BLUE and MIXED. Pkt., 10c; ¼ oz., 50c. One packet each of the three straight colors, 25c.

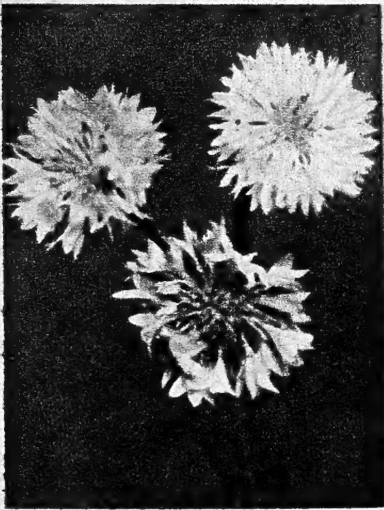
IMBRICATED POMPON—FINEST MIXED. Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 20c; ¼ oz., \$1.00.

¼ Ounce may be had at ¼ Ounce Rate

Customers living in North Dakota must add two per cent for sales tax to their remittances for nursery stock, decorative greenhouse stock, insecticides, feeds, fertilizers, tools and supplies. This tax does not apply to seeds, onion plants or vegetable plants.

KEY TO SYMBOLS

- (A) Annuals.
- (B) Biennials.
- (P) Perennials.
- (T) Tender.
- (C) Climbers.
- * For cutting.



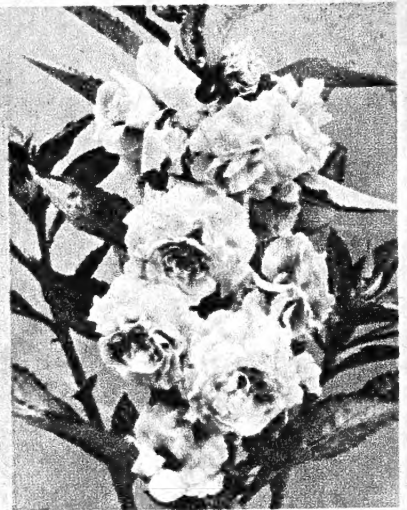
Bachelor's Button

Bachelor's Button (A*)

CORN FLOWER—CENTAUREA CYANUS. Easy to grow and blooms continuously. One of the most attractive hardy annuals.

DOUBLE BLUE, RED BOY and SNOW MAN. Each, Pkt., 10c; ¼ oz., 25c; oz., 60c. Three packets, one of each color, 25c.

DOUBLE MIXED. Pkt., 10c; ¼ oz., 20c.



Double Camellia-Flowered Balsam

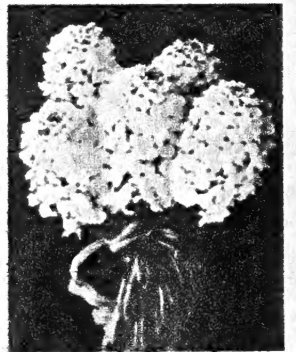


Calendula—Sunshine

BALSAM. Double Camellia Flowered Mixed. (A). An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 10c; ¼ oz., 35c.

Rose or Gardenia Flowered. Also known as Bush Balsam. An attractive dwarf plant—fine in borders. The Roselike blooms cluster at the tops of the stems. Pkt., 10c; ¼ oz., 35c.

BEANS—SCARLET RUNNER. (A-C). A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Good for snap or green shell Beans and an ideal fence cover. Pkt., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c.



Giant Flowering Candytuft

CALLIOPSIS—MIXED. (A*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 10c; ¼ oz., 30c.

CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed. (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c; ¼ oz., 45c.

CALENDULA

POT or SCOTCH MARIGOLD. (A*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

Orange King. A deep orange and very double. Pkt., 10c; ¼ oz., 20c.

Sunshine or Chrysanth. A newer type of Calendula, long stemmed—Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c; ¼ oz., 30c.

CANDYTUFT (A*)

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

GIANT WHITE HYACINTH FLOWERED. Pkt., 10c; ¼ oz., 30c.

GIANT FLOWERING MIXED. Pkt., 10c; ½ oz., 30c.

CARNATION

(P*): These spicily fragrant flowers should be started indoors and while perennials are best sown each year. Plants may be cut back in fall and potted for winter blooming.

MARGUERITE MIXED. Very double abundant blooms with good stems. Pkt., 10c; ¼ oz., 70c.

CHABAUD MIXED. Upright, robust plants, with extra large flowers. Pkt., 15c; ½ oz., 55c; ¼ oz., \$1.00.

COBOEA SCANDENS—CATHEDRAL BELLS (A-C). A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 10c; ¼ oz., 65c.



Carnation—Marguerite

CELOSIA—COCKSCOMB

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

DWARF CRESTED MIXED (Cristata). Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c; ¼ oz., 55c.

OSTRICH PLUMED or FEATHERED MIXED (Plumosa). 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 10c; ¼ oz., 45c.

CHINESE WOOLFLOWER MIXED (Childsii). Plants grow from 2 to 3 feet high with flower heads resembling bright colored loose balls of wool. Pkt., 10c; ¼ oz., 45c.

CENTAUREA IMPERIALIS. GIANT SWEET

SULTAN (A*). The large, sweet scented, thistle-like blooms are borne on long, strong stems. Our well balanced mixture is fine for cutting. Pkt., 10c; ¼ oz., 40c.

CHRYSANTHEMUM — ANNUAL (A*). The large, double flowers bloom in late summer. Pkt., 10c.

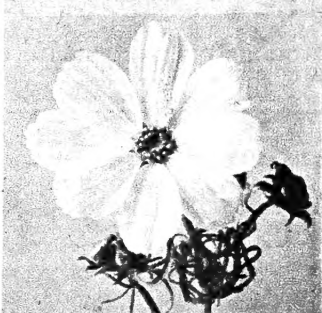
If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.



Dianthus—Chinese Pink.



Single Crested Cosmos.



Sensation Cosmos.

DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

CHINESE PINK MIXTURE (A*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 10c; ¼ oz., 30c.

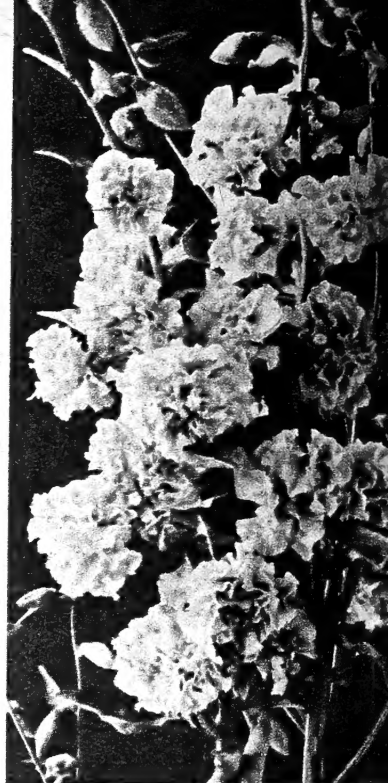
GRASS or CLOVE PINK MIXTURE (P*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicily fragrant and deeply fringed flower favorite. Pkt., 10c; ¼ oz., 50c.

CLARKIA—DOUBLE MIXED (A*). Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Blooms from July to frost and does well everywhere. Pkt., 10c; ¼ oz., 60c.

COLUMBINE — AQUILEGIA — LONG SPURRED MIXTURE (P). A hardy, graceful, June blooming perennial. 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 15c; ¼ oz., 70c.

For Columbine Roots, See Page 69.

COREOPSIS—DOUBLE FLOWERING (P*). Vigorous and free blooming with large orange yellow flowers on long graceful stems. Pkt., 10c.



Clarkia—Double Mixed.

COSMOS

(A*.) Growing 4 to 5 feet tall, branching freely with feathery foliage and blooming abundantly from late July until frost, Cosmos is especially effective in screens and single borders.

RADIANCE. The 1918 All America Silver Medal Winner. Deep rose and rich crimson, the first bicolor Cosmos. See inside back cover for colored picture. Pkt., 25c.

SENSATION MIXED. Extra Early Giant flowering with blooms 4 to 5 inches in diameter. Pkt., 10c; ¼ oz., 30c.

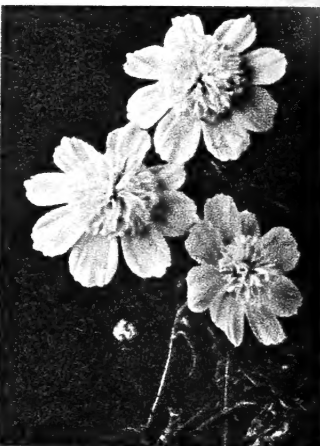
PURITY. Pure white. Pkt., 10c; ¼ oz., 40c.

ORANGE FLARE. Brilliant orange flowers—free blooming. Pkt., 10c; ¼ oz., 30c.

EARLY MAMMOTH FLOWERING

SINGLE MIXED. Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 10c; ¼ oz., 20c; oz., 60c.

EARLY FLOWERING DOUBLE CRESTED MIXED. Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 15c; ¼ oz., 70c.



Double Crested Cosmos.

WILD CUCUMBER

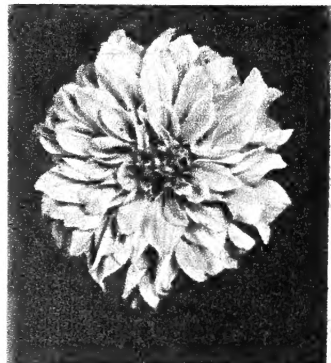
(A-C.) The quickest growing climber we have. Fragrant white flowers are followed by ornamental prickly seed pods. Pkt., 10c; oz., 45c; ¼ lb., \$1.50.

CYPRESS VINE (A-C). An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 10c; ½ oz., 25c.

DAHLIA

UNWIN'S DWARF HYBRIDS (TP*). Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c; ¼ oz., 85c.

DIGITALIS—FOXGLOVE (P). Easily grown semi-hardy, stately perennial reaching height of from 2 to 4 feet and producing long spikes of beautiful tubular flowers. Pkt., 10c; ¼ oz., 60c.



Unwin's Dahlia.

DAISIES

SHASTA DAISY—Alaska (P*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c; ¼ oz., 45c.

ANNUAL PAINTED DAISY—Tricolor Finest Mixed (A). Easily grown with wide range of colors and zoning, outstanding as a cut flower. Pkt., 10c; ¼ oz., 25c.

For Shasta and Perennial Painted Daisy Roots, See Page 69.

AFRICAN DAISY — Dimorphotheca Aurantiaca Hybrids (A*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; ¼ oz., 50c.



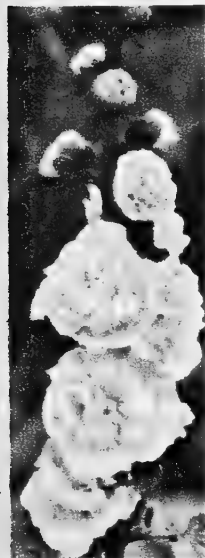
African Daisy.



Four O'clock

easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 20c.

FORGET-ME-NOT (P). Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 15c.

Pioneer
Double
Hollyhock

(AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments. Directions for keeping Gourds on request.

SMALL FRUITED MIXED. All shapes, colors and markings. Pkt., 10c; oz., 30c.

LARGE FRUITED MIXED. Pkt., 10c; oz., 30c.

GYPSOPHILA Thrive almost anywhere and give a charming misty effect in bouquet or border with their many tiny blossoms.

ELEGANS GRANDIFLORA ALBA—Angel's Breath (A*). Pure white, large flowered. Pkt., 10c; ½ oz., 25c.

PANICULATA—Baby's Breath (P*). Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 10c; ¼ oz., 25c.

HELICHRYSUM—DOUBLE STRAWFLOWER or EVERLASTING (A*). The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 10c; ¼ oz., 55c.

HELIOTROPE—Mixed (TA). Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 15c; ¼ oz., 65c.

HOLLYHOCK

Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

PIONEER—Double Mixed (P). This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c; ¼ oz., 70c.

BISMARCK—Single Mixture (P). The single sorts are slightly hardier and more vigorous than the doubles. Our mixture is equal to any. Pkt., 10c; ¼ oz., 25c.

ANNUAL—INDIAN SPRING. (1939 All American Silver Medal Winner.) If planted early in spring will bloom the same year. The blooms are large, fringed and semi-double, in pink and rose shades. Pkt. 10c; ¼ oz., 45c.

For Hollyhock Roots See Page 69.

ICE PLANT—Mesembryanthemum Crystallinum (A). A trailing plant with singular icy foliage. Especially useful in rock garden. Pkt., 15c.

ANNUAL LARKSPUR

The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers.

GIANT IMPERIAL MIXED. Pkt., 10c; ¼ oz., 30c.

ROSE KING. Pkt., 10c; ¼ oz., 40c.

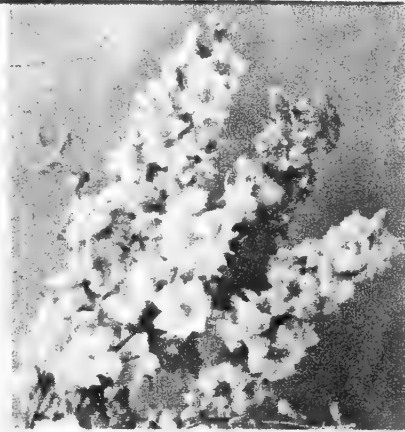
DELPHINIUM-PERENNIAL LARKSPUR

PACIFIC GIANTS. A remarkable strain with immense spikes and extremely large and well formed flowers, mostly double. Pkt., 30c; 2 pkts., 55c.

GOLD MEDAL MIXTURE. A fine mixture running in color from the lightest shade of lavender to indigo blue. Pkt., 10c; ¼ oz., 70c.

NEW ZEALAND DWARF. A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 15c.

For Perennial Larkspur Roots, See Page 67.

Delphinium
Gold Medal Mixture

Annual Larkspur

LAVATERA

ROSEA SPLENDENS—SWISS ROSE—LOVELINESS (A*). An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c; ¼ oz., 35c.

LINUM-FLAX

SCARLET FLAX—GRANDIFLORUM RUBRUM (A). Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 10c; ¼ oz., 30c.

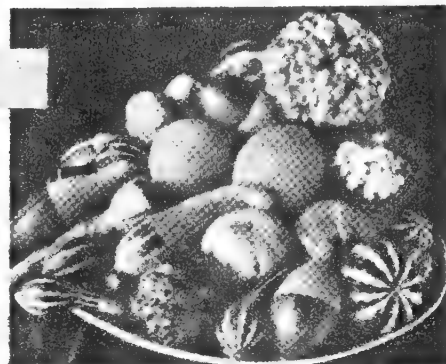
FOUR O'CLOCK

Marvel of Peru (A). An old fashioned, bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 10c; oz., 35c.

GAILLARDIA—Blanket Flower (P*). This hardy perennial blooms from July until frost. Thriving anywhere, this gives you combinations of yellow and red mixed. Pkt., 10c; ¼ oz., 30c. **Burgundy.** Wine red. Blooms the same season if sown early. Pkt., 15c; ¼ oz., 60c.

GERANIUM (TP). Sown early in the spring, indoors, these are dainty, clear blue flowers flourish in partial shade. Pkt., 15c.

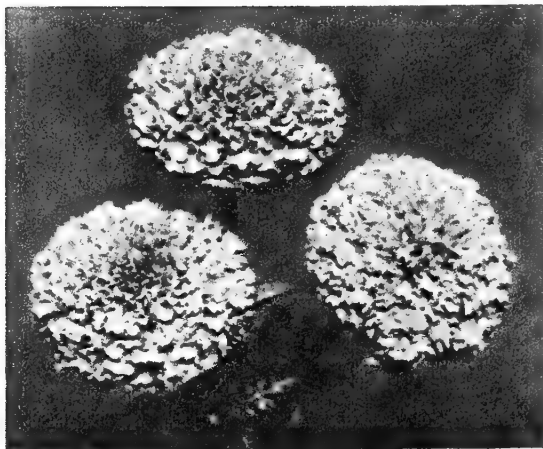
GOURDS



Small Fruited Gourds



Helichrysum

**Gigantea Sunset Hybrids**

single flowers may be expected, the size and beauty of the blooms will repay the planter. Pkt., 10c; ¼ oz., 50c.

GUINEA GOLD. The large, double carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c; ¼ oz., 30c.

TALL AFRICAN DOUBLE MIXED. The plants are 2½ feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 10c; ¼ oz., 55c.

DOUBLE DWARF FRENCH. 1 foot tall.

MONARCH MIXED. Plants of compact habits with large flowers in fascinating shades. Pkt. 10c; ¼ oz., 35c.

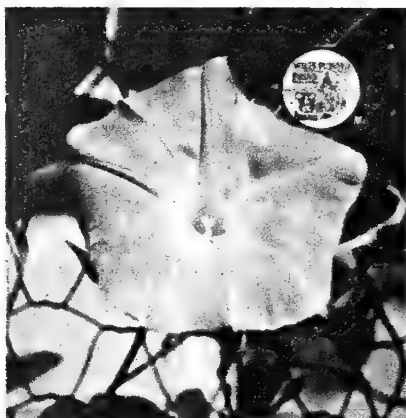
HARMONY MIXED. Blooms with high crested centers run the range in two tone combinations from lemon yellow to dark red. Pkt. 10c; ¼ oz., 25c.

LOBELIA—CRYSTAL PALACE COMPACTA (A) The 6 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 15c; ¼ oz., 60c.

MARIGOLD (A*)

A wealth of colorful decorative blossoms from midsummer to frost. Lovely for cutting.

GIGANTEA SUNSET HYBRIDS. The largest Marigold yet developed, its delicately sweet scented flowers average 5 inches in diameter. The plants are from 3½ to 4 feet tall. Though a small percentage of

**Guinea Gold****Heavenly Blue Morning Glory**

MORNING GLORY (A-C)

Quick growing, free flowering climbers.

HEAVENLY BLUE —Clark's Early Strain.

The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 10c; ¼ oz., 30c; oz., 80c.

CRIMSON RAMBLER. The bright ruby red flowers are slightly smaller than those of the Heavenly Blue, but this is a very vigorous bloomer and rapid climber. Pkt. 10c; ¼ oz., 20c; oz., 65c.

PEARLY GATES. (All American Silver Medal 1911.) Large flowered, free blooming, pure white. Plant this with Crimson Rambler and Heavenly Blue for Red, White and Blue effect. Pkt., 15c; ¼ oz., 45c; oz., \$1.20.

**Crimson Rambler Morning Glory**

IMPERIAL MIXED—Ipomea Imperialis. The large flowers range from white to dark purple in unusual colors. The foliage is very attractive in its variations. Pkt., 10c; oz., 25c; ¼ lb., 70c.

FINEST MIXED—Convolvulus Major. A good mixture of the old fashioned yet ever popular climber. Pkt., 10c; oz., 20c; ¼ lb., 75c.

**Double Golden Glean Nasturtiums**

NASTURTIUMS (A*)

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

GOLDEN GLEAM—DOUBLE SWEET SCENTED.

This most satisfactory double Nasturtium continues to gain in popularity. The fragrant golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 30c; ¼ lb., 85c.

DWARF DOUBLE GEM MIXED.

The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 30c; ¼ lb., 90c.

WILL'S PIONEER BRAND DWARF SINGLE MIXED.

The best obtainable mixture of desirable colors. Pkt., 10c; oz., 25c; ¼ lb., 75c.

WILL'S SUPERB TALL SINGLE MIXED. Plants from our mixture will grow 5 to 6 feet high with showy blooms of the most brilliant shades. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Pioneer Dwarf Single Mixed**



Mignonette Mache

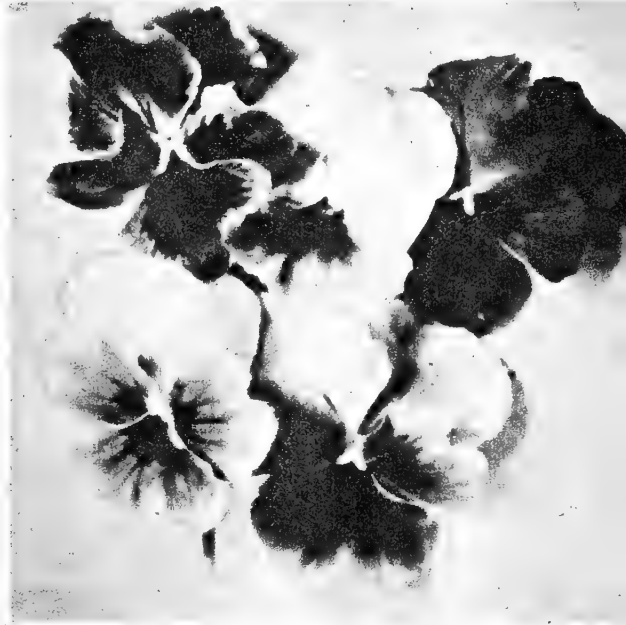
MIGNONETTE MACHET (A*). A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 10c; ¼ oz., 30c.
NICOTIANA—AFFINIS HYBRIDS (A) Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c; ¼ oz., 35c.
NIGELLA—LOVE-IN-A-MIST-MISS JEKYLL (A*). A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c; ¼ oz., 35c.

WILL'S PANSIES

WILL'S ROYAL SHOW

(P*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 30c; 2 pkts., 50c; ¼ oz., \$2.50.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 15c; ¼ oz., \$1.25.



Will's Royal Show Pansies

For Pansy Plants, See Page 55

PRIMROSE or PRIMROSE MALACOIDES (TA). Sown in April will make plants for fall and winter blooming indoors. Pkt., 25c.

RICINUS—CASTOR BEAN (TA). Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 20c; ¼ lb., 60c.

PETUNIAS (A*)

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

SPECIAL SINGLE MIXTURE. HYBRIDA GRANDIFLORA. Plants grow 2 feet tall. Flowers are oranges and markings make a brilliant show in bed or border. Pkt., 10c; ¼ oz., 40c; ¼ oz., 75c.

RUFFLED MONSTER MIXTURE. Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. Pkt., 30c.

BALCONY TYPE MIXED. Single, large flowering and free blooming, trailing in habit and especially suited to bed and window boxes. Pkt., 20c.



All Double American Petunia

ALL DOUBLE AMERICAN MIXED. An All American Silver Medal winner. These blooms are not as large as those we had before the war, but are the best available all double, fringed and plain edged, and very satisfactory. Pkt., 100 seeds, 45c.

ROSY MORN. A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 15c; ¼ oz., 50c.

For Petunia Plants See Page 55.



Special Single Petunia



Phlox Drummondii

PHLOX. DRUMMONDI GRANDIFLORA MIXED (A*). Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. Pkt., 15c; ¼ oz., 75c; ¼ oz., \$1.25.

PHLOX. GIANT FLOW-ERED—GIGANTEA ART SHADES (A*). The individual flowers are from 1¼ to 1½ inches in diameter in lovely, soft, pastel shades. Pkt., 20c; ¼ oz., 95c; ¼ oz., \$1.60.

FLORALIFE

DOUBLES LIFE OF CUT FLOWERS. MAINTAINS COLOR AND FRAGRANCE. KEEPS WATER SWEET AND FRESH. NO NEED TO CHANGE WATER. One teaspoon to quart of water. Enough powder to make 5 quarts, 25c; 30 quart size, \$1.00, postpaid.

POPPIES (A)

Brilliant flowers produced freely in a riot of color.

CALIFORNIA or ESCHOLTZIA - SPREADING

MIXED. These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

AMERICAN LEGION. An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

DOUBLE SHIRLEY MIXED. Large, graceful silky flowers. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

TULIP POPPY-BUSH ESCHOLTZIA-HUNNEMANNIA—Sunlite. (A*) Gorgeous, semi-double, canary yellow blooms. The foliage is light gray green. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

CUT FLOWER MIXTURE.

Well balanced mixture of hardy annuals. Pkt. 10c; $\frac{1}{4}$ oz., 25c.

BLUE MAW. This seed is used for cooking only and has been so treated that it will not germinate. $\frac{1}{4}$ lb., 20c; 1 lb., 60c, postpaid.

ORIENTAL MIXED (P). Unrivalled for gorgeous effectiveness in perennial borders, the flowers are immense, frequently six inches across. Pkt., 15c; $\frac{1}{8}$ oz., 75c.

ICELAND MIXED (P*). The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 10c; $\frac{1}{4}$ oz., 50c.



Double Shirley Poppy



California Poppy—Escholtzia



Double Portulaca



Single Portulaca

PORTULACA—Rose Moss (A)

Hardy, Sun Loving, Profuse Bloomer. Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

DOUBLE MIXED. A small percentage of singles is to be expected. Pkt., 15c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

SINGLE MIXED. Pkt., 10c; $\frac{1}{8}$ oz., 45c; $\frac{1}{4}$ oz., 75c; oz., \$2.00.

SALPIGLOSSIS

VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A*). Easily grown annual, 2 to 2½ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA*). Its erect spikes of brilliant scarlet flowers make this one of the handsomest of Salvias. Pkt., 20c; $\frac{1}{8}$ oz., 90c.

SCABIOSA—Tall, Large Flowered Double Mixed (A*). Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

SNOW-ON-THE-MOUNTAIN—Euphorbia Variegata (A). A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt. 10c; $\frac{1}{4}$ oz., 20c.

STOCK—GILFLOWER—Mammoth Double Early Branching (A*). The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is true to type as obtainable. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

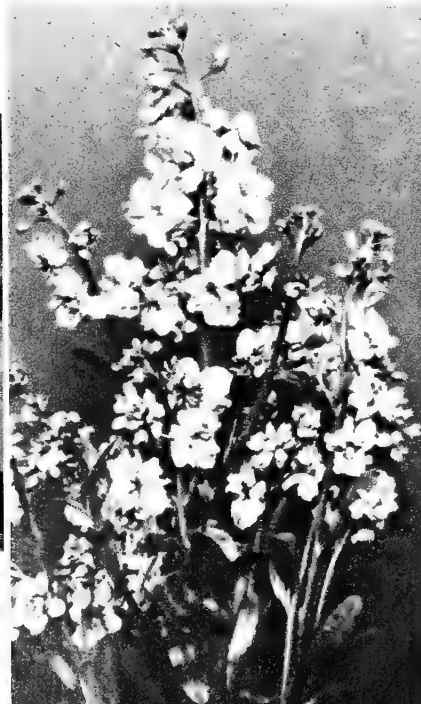
STOCK EVENING SCENTED—Mithola Bicornis. Small purplish flowers giving off delightful perfume morning and evening. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

SUNFLOWER—Helianthus Cucumerifolius—Excelsior Hybrids (A). The plants are 5 feet tall. The small double flowers are in shades of bronze, brown and red. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

SUN GOLD SUNFLOWER. Brilliant. All double, large golden yellow blooms. 4-5 feet high. Pkt., 10c; $\frac{1}{4}$ oz., 20c.



Salpiglossis or Velvet Flower



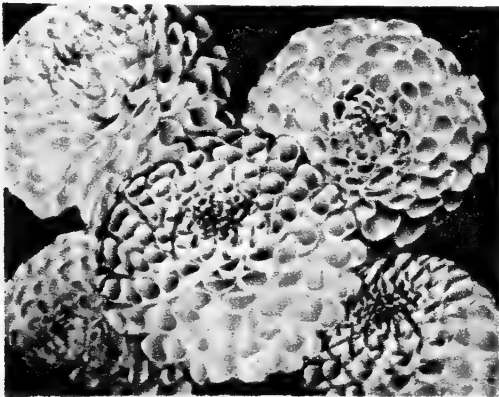
Dwarf Ten Weeks Stocks



Verbena

VERBENA

Hybrida—Mammoth Choice Mixed (A*)—A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. Pkt., 10c; $\frac{1}{4}$ oz., 75c.



Double Lilliput Zinnia

SCABIOUS FLOWERED MIXTURE. An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.



California Giants Zinnia



Sweet William

SWEET WILLIAM. *Dianthus Barbatus*—Double and Single Mixed (P*). An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

ZINNIAS

THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE—PRACTICALLY FREE FROM PLANT DISEASES—WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.

DOUBLE LILLIPUT or POMPON—Mixed. The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.30.

Crimson Gem. Pkt. 10c; $\frac{1}{4}$ oz., 45c; 1 oz., \$1.50.

Dahlia Flowered Zinnia,
Gold Medal Mixture

DAHLIA FLOWERED

Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across.

GOLD MEDAL MIXTURE

Grown in separate colors and then mixed, this is vastly superior to much that is offered. Pkt., 10c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

THE FOLLOWING DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS. Pkt., 10c; $\frac{1}{4}$ oz., 45c; oz., \$1.40. **CRIMSON MONARCH**—Deep Crimson. **GOLDEN DAWN**—Rich Golden Yellow. **LUMINOSA**—Deep Pink.

INDIAN SUMMER MIXTURE. A highly satisfactory blend of the Largest Flowering types in bright warm colors, without a trace of harshness. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.30.

CALIFORNIA GIANTS—Mixed. The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

FANTASY—Mixed. A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.30.



Zinnia-Fantasy

Will's Sweet Peas

SWEET PEA COLLECTION

One regular packet of each of the fifteen best varieties listed below (will sow 90 feet of row) together with a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for best results.

\$1.25

SUMMER FLOWERING SPENCERS

The following 12 varieties of Summer Flowering Spencer Sweet Peas are priced at: Pkt., 10c; oz., 35c; ¼ lb., \$1.20. Any three packets, 25c.

AMETHYST. Clear Medium Blue.
FLUFFY RUFFLES. Cream.
ECSTASY. Light Pink.
FLAGSHIP. Navy Blue.
GIGANTIC. White.
HIGHLANDER. Lavender.

MASTER CREAM. Deep Cream.
MISS CALIFORNIA. Salmon Cream Pink.
OLYMPIA. Purple.
PEER. Orange Pink.
STYLIST. Clear Rose Pink.
WELCOME. Brilliant Scarlet.

EARLY FLOWERING SPENCERS

The three following varieties of Early Flowering Spencer Sweet Peas are Priced at: Pkt., 15c; oz., 55c.

AMERICAN BEAUTY. Deep Crimson.
DAPHNE. Soft Salmon Pink on Cream.
LADDIE IMPROVED. Light Rose Pink.



Early Flowering Spencer Sweet Peas

Choice Mixed Sweet Peas

EARLY FLOWERING SPENCER MIXTURE

Also known as Winter Flowering. These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short seasoned north. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; ½ lb., \$2.30; 1 lb., \$4.40.

CUTHBERTSON SWEET PEAS

A new development of the Heat Resistant sort and the ideal type for home gardeners everywhere. Blooms after the Early Flowering sorts and combines an ability to grow and bloom under hot weather conditions with exceptional vigor, length of stem, and abundance of fragrant blossoms. (For picture see page 1.)

MIXED: Pkt., 15c; oz., 55c; ¼ lb., \$1.80; ½ lb., \$3.40; 1 lb., \$6.50, postpaid.

NAMED VARIETIES: Pkt., 15c; oz., 70c, postpaid.

COLINE, Scarlet.

EVELYN, Salmon Cream Pink.

HELEN, Blush Pink.

JANET, Black Seeded White.

LOIS, Rose Pink White Ground.

TOMMY, Clear Medium Blue.

Any three packets of the above, 40c; one packet of each of the six named Cuthbertson varieties, 75c, postpaid.

GIANT RUFFLED SPENCER MIXTURE.

The latest advance in Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; ½ lb., \$1.80; 1 lb., \$3.40, postpaid.

WILL'S IMPERIAL MIXED SWEET PEAS.

A mixture in proper proportions of the large waved standard Spencer sorts with every Sweet Pea color represented in every possible combination. Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.60; 1 lb., \$3.00.

SIBERIAN PERENNIAL SWEET PEAS (P). The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 15c.



TREAT SWEET PEAS with NITRAGIN.

Garden Size, 10c, Postpaid. Will Treat Up to 6 Pounds of Peas, Beans and Sweet Peas.

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. Soaking seed in water over night before planting will hasten germination. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither, if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.



Will's Imperial Mixed Sweet Peas

Will's Pioneer Brand Vegetable Seeds

A GOOD GARDEN



ALWAYS PAYS

WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Hidatsa Beans
Arikara Squash
Fort Berthold Pumpkin
Iroquois Pop Corn
Nuetta Sweet Corn

FIVE PACKETS FOR 20 CENTS.

THIS IS ↓



Will's Pioneer Brand. It stands for earliness and hardiness. Behind it are sixty-six years of experience.

Will's Hardy Garden Seeds—Selected for the Northwest—do well everywhere.

SEE WILL'S HOME GARDEN COLLECTION ON BACK COVER

\$1.85

Postpaid

WILL'S LEADER COLLECTION

15 PACKETS

One Each of 15 Leading Varieties

Puregold Beans	Extra Early Osage Muskmelon
Detroit Dark Red Beet	Early Yellow Globe Onion
Copenhagen Market Cabbage	Merrimack Wonder Pepper
Coreless Carrot	Cavalier Radish
Snowball Cauliflower	Buttercup Squash
Great Plains Golden Bantam Sweet Corn	Victor Tomato
Straight Eight Cucumber	Dakota Sweet Watermelon
Slobolt Lettuce	

15 PACKETS FOR \$1.00

\$1.60 Value

Garden Seed Prices are postpaid to any address in the United States unless otherwise stated. Prices are subject to change without notice. Any Sales Tax is to be paid by the Customer. We cannot absorb it.

A Good Garden Is the Most Profitable Piece of Ground on a Farm

ORDER EARLY

PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—Dwarf, Snap	2-5.....	20.....	¼ lb.	300	Onions.....	4-6.....	14.....	½ oz.
100	Beans—Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3.....	16.....	3 pts. sets
150	*Beets.....	2-4.....	18.....	1½ oz.	50	Parsnip.....	3-5.....	18.....	½ oz.
200	Cabbage.....	16-24.....	24.....	50-75 plants.	300	*Peas.....	¼-1½.....	30.....	1 lb.
50	Cauliflower.....	16-24.....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
100	*Carrot.....	2.....	18.....	½ oz.	800	Potatoes, Early.....	14-18.....	30.....	½ peck.
50	Celery.....	4-8.....	18.....	200 plants.	150	*Radish.....	1-2.....	16.....	1 oz.
500	*Corn, Sweet.....	16-36.....	30.....	2 oz.	200	*Spinach.....	1-3.....	18.....	1 oz.
100	Cucumber.....	48.....	Hills 48.....	½ oz.	25	Squash.....	Hills 42.....	42.....	½ oz.
25	Eggplant.....	20-30.....	24.....	50 plants.	100	Tomato.....	30.....	36.....	40 plants.
50	*Lettuce.....	4-8.....	Beds 6.....	½ oz.	100	*Turnip.....	2-4.....	18.....	½ oz.
150	Muskmelon.....	Hills 72.....	72.....	½ oz.					

These vegetables marked * should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.

WILL'S BEANS

Belong in Every Garden

CULTURE: Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

DWARF GREEN PODDED BEANS



Green Pod Stringless

TENDERGREEN. The dark green pods are fine textured, fleshy, brittle, tender and stringless and of outstanding quality. The compact vines are vigorous and heavily productive. The best round podded dwarf green Bean. Pkt., 5c; ¼ lb., 18c; ½ lb., 32c; 1 lb., 56c, postpaid. Not prepaid, 5 lbs., \$2.05; 10 lbs., \$4.00.

GREEN POD STRINGLESS.

This very widely grown green podded sort is very early and

one of the best flavored. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

BOUNTIFUL.

A favorite throughout the Northwest for its earliness, hardiness and productivity. Fine flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 5c; ¼ lb., 18c; ½ lb., 31c; 1 lb., 53c, postpaid. Not prepaid, 5 lbs., \$1.95; 10 lbs., \$3.70.



Bountiful

PLENTIFUL—All American Bronze Medal Winner. A very heavy yielder and somewhat rust resistant, the flat green pods are 6½ inches long, straight, tender, fleshy and stringless. The best flat podded green bean. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$3.00.

STREAMLINER. A very productive, upright sort, whose attractive, semi-flat light green pods are 7 inches long, stringless, fleshy and nearly fiberless. Pkt., 5c; ¼ lb., 15c; ½ lb., 28c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$3.00.

LIMA BEANS

FORDHOOK BUSH LIMA No. 242. The best large podded dwarf Lima. All American Bronze Medal Winner originated by the U. S. Dept. of Agriculture. Pods of good length contain from 4 to 5 large, thick, white Beans. A heavy producer of high quality this stands drought better than other sorts. Pkt., 10c; ¼ lb., 24c; ½ lb., 44c; 1 lb., 73c, postpaid. Not prepaid, 5 lbs., \$2.65; 10 lbs., \$5.20.

JACKSON WONDER BUSH LIMA. This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 10c; ¼ lb., 18c; ½ lb., 31c; 1 lb., 53c, postpaid. Not prepaid, 5 lbs., \$1.95; 10 lbs., \$3.70.

HOPÍ LIMA. Western Strain. A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 10c; ¼ lb., 17c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.75.



Fordhook Bush Lima



For Better Yields Treat Beans and Peas with Nitragin. A 10c Package Will Treat Up to 6 lbs. of Seed

DWARF WAX PODDED BEANS

PUREGOLD. All American Bronze Medal Winner for 1948. An earlier variety with better color and quality. Dwarf and resistant to common Bean mosaic, the pods are 5½ to 6 inches long, slim, round, stringless, and bright golden yellow. Pkt., 15c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.15; 10 lbs., \$6.10.



Sure Crop Stringless Wax

SURE CROP STRINGLESS or Bountiful Wax

The best flat wax bean. A heavy yielding, disease resistant, and delicious Wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c; ¼ lb., 17c; ½ lb., 29c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.40.

IMPROVED GOLDEN WAX— Top Notch Strain

This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; ¼ lb., 18c; ½ lb., 33c; 1 lb., 57c, postpaid. Not prepaid, 5 lbs., \$2.10; 10 lbs., \$4.10.



Improved Golden Wax

PENCIL POD BLACK WAX Very desirable for home and market garden, hardy, productive and of finest quality. Probably the finest Round Podded Wax Bean. The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 5c; ¼ lb., 18c; ½ lb., 32c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.00; 10 lbs., \$3.90.

UNRIVALLED WAX. The pods of this heavy yielding and exceptionally attractive sort are flat, but fleshy, light yellow, brittle, stringless and of fine texture. Pkt., 5c; ¼ lb., 14c; ½ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.90.

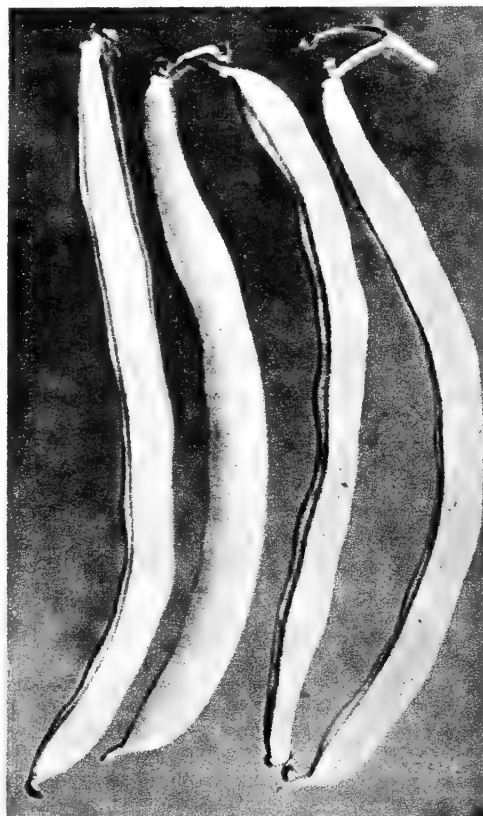
SHELL or SNAP BEANS

DWARF HORTICULTURAL or CRANBERRY. The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c; ¼ lb., 15c; ½ lb., 32c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.00; 10 lbs., \$3.90.

ENGLISH BROAD WINDSOR. The Broad or Fava bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; ¼ lb., 18c; ½ lb., 33c; 1 lb., 57c, postpaid. Not prepaid, 5 lbs., \$2.10; 10 lbs., \$4.10.

Have used your seeds for years and like results especially if season is short or adverse. Lived in the high dry section of Nebr., and found tomatoes and squash adapted to those conditions only at your seed house.

Mrs. C. O. Riley
R#2 Box 922
Bellerue, Wash.



Pencil Pod Black

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c; $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 28c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$2.15; 10 lbs., \$4.20.

KENTUCKY WONDER or OLD HOMESTEAD.

An exceptional yielder and the most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. Pkt., 5c; $\frac{1}{4}$ lb., 18c; $\frac{1}{2}$ lb., 32c; 1 lb., 56c, postpaid. Not prepaid, 5 lbs., \$2.05; 10 lbs., \$4.00.

EDIBLE SOY BEANS

High in protein and fat, yet easily digested and utilized; and an excellent source of Vitamins A, B and G. They are used either dry or green.

KABOTT. Very early and prolific, well suited to this section. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 21c; 1 lb., 32c, postpaid.

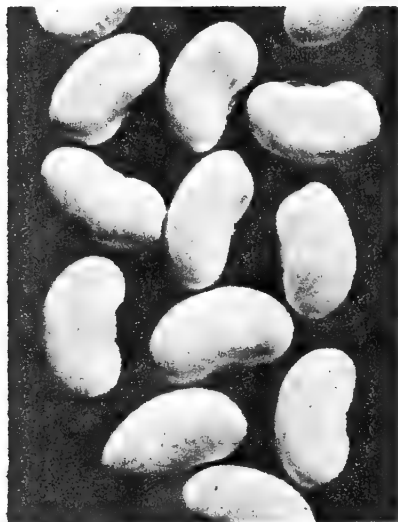


Kabott Edible Soy Beans

FIELD BEANS

A Will Introduction GREAT NORTHERN—The Best Baking Bean

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. Hardy, a heavy yielder and early, it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 10 lbs., \$1.90; 100 lbs., \$17.00.



Great Northern Beans

HIDATSA. A Will Introduction. A heavy yielder, hardy, drouth resistant and an excellent baking bean. The seed is similar to Great Northern in shape, but red in color. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 24c; 1 lb., 42c, postpaid.

ASPARAGUS

Culture. One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil depth of 16 inches, manure heavily, with rows 4 feet apart and crowns 4 inches

and set roots 2 feet apart in the row below the surface.

MARY WASHINGTON. The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. The best yielding pedigreed strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkg., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.25, postpaid.



Mary Washington Asparagus

ASPARAGUS ROOTS

MARY WASHINGTON. Price, postpaid, doz., 55c; 50, \$1.85; 100, \$3.50. F.O.B. here, 50, \$1.75; 100, \$3.25.



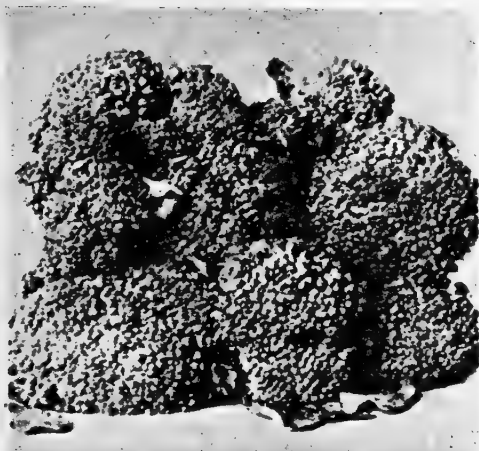
Germaco

Hotkaps

Help You Grow Earlier, Hardier
Vegetables and Flowers

Strong little individual hothouses for every plant. Increase yields, promote larger fruits and vegetables and ripen plants earlier. Made of waxed paper, protect against rain, frost, wind and insects. Quickly and easily set—directions on package. Home garden Package contains 25 Hotkaps and cardboard setter, postpaid, 90c; not prepaid, 70c. Postpaid, 100 Hotkaps, \$2.75; 250 for \$4.05; 1,000 for \$13.50; 5,000 lots at \$13.35 per 1,000. The 100 and 250 Hotkap packages contain a Fiberboard setter. Sales tax on Hotkaps for North Dakota customers.

TWIST-EMS. Hand plant tie—dark green tape with wire reinforcing, convenient and permanent. Two sizes, 4 inch, 250 per package, 35c, postpaid. 8 inch, 125 per package, 35c, postpaid.



Green Sprouting Broccoli

BORECOLE OR KALE

GREEN CURLED or SCOTCH. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.15; 1 lb., \$2.15, postpaid.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED. Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 60c; ¼ lb., \$2.00.

BROCCOLI

GREEN SPROUTING. A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c; oz., 35c; ¼ lb., 95c.

Chives

SCHNITTLAUCH (Grass Onion). The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 15c; oz., 90c. To those preferring to set out plants we offer Clumps: Each 33c; doz., \$3.25, postpaid.

MUSHROOM SPAWN

Bottle Spawn. One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, \$1.15, postpaid.

Cress

UPLAND. For salads and garnishing. Pkt., 10c; oz., 35c, postpaid.

Endive

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. Pkt., 10c; oz., 22c; ¼ lb., 70c, postpaid.

BROAD LEAVED BATAVIAN or ESCAROLE. One of the best varieties for salads. Pkt., 10c; oz., 22c; ¼ lb., 70c, postpaid.

EGGPLANT

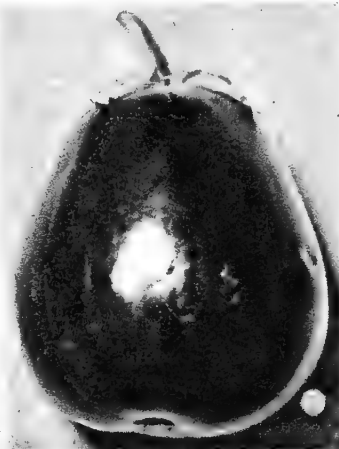
Our seed is chemically treated to eliminate seed borne diseases and to aid germination and early growth.

Culture: Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 to 3 feet apart.

NEW HAMPSHIRE. An All American Silver Medal Winner when introduced. For earliness and heavy yield try this one. The rich, dark purple colored fruits are good sized although a trifle smaller than Black Beauty and two weeks earlier. Pkt., 15c; oz., 80c; ¼ lb., \$2.45, postpaid.

BLACK BEAUTY. Until the introduction of New Hampshire this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 70c; ¼ lb., \$2.00, postpaid.

For Egg Plant plants See Page 57.



Black Beauty

Leek

LARGE LONDON or FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 10c; oz., 55c, postpaid.

Okra

CLEMSON SPINELESS. A very early and prolific variety of this favorite southern vegetable. Easily grown in North Dakota. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

KOHL-RABI

EARLY WHITE VIENNA. This best Kohl Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 10c; oz., 35c; ¼ lb., \$1.15.



Early White Vienna Kohl-Rabi

BEET

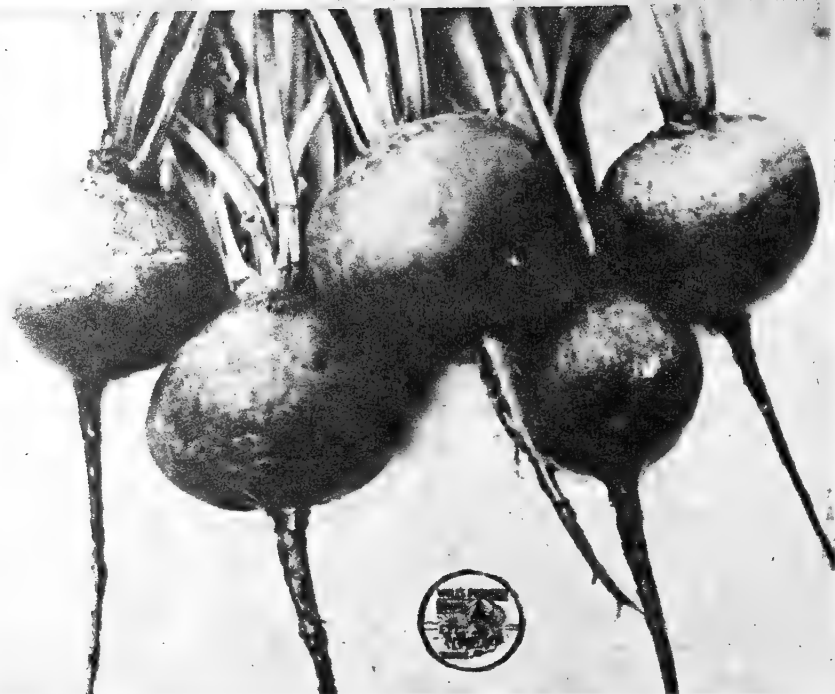
DETROIT DARK RED. The best main crop beet. The roots are smooth, medium sized, globe-shaped. The skin is a dark blood red and the flesh is a solid vermilion-red with no zoning. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

PERFECTED DETROIT. Well adapted for market or canning, with good color and heavy yield, and heavier tops than our strain of Detroit Dark Red. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.15; lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

SUGAR BEET

WHITE SUGAR. A most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.25, postpaid. Not prepaid, 5 lbs., \$5.30.

We plant mangels around our hog lot. Over the fence is in—to the hogs.



Detroit Dark Red Beet

For late planting, soak seeds in water for a few hours. It will ordinarily hasten emergence by several days.

Mangels or Stock Beets

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

Culture. Sow in May or early June in deep mellow soil, about 1½ inches deep, in rows 1½ to 2 feet apart. Four to six pounds are required to the acre.

The following Mangels are priced: Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 70c; 1 lb., \$1.20, postpaid. Not prepaid, 5 lbs., \$5.05.

MAMMOTH LONG RED. The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

GIANT HALF SUGAR ROSE. The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

GOLDEN TANKARD. A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white.

GOLDEN GIANT or DANISH SLUDSTRUP. A very high yielder, the long oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

The Mangels above are priced: Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 70c; 1 lb., \$1.20, postpaid. Not prepaid, 5 lbs., \$5.05.

We shall appreciate notification by our customers of any change in address or duplication of catalogs.



Golden Giant

BEETS

Culture: Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

IMPROVED BLOOD TURNIP BEET.

This is an exceptionally fine

strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

EARLY WONDER or BOSTON CROSBY.

This selection from Crosby's Egyptian is not as early as the Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

Small Green young Beets cooked with their equally tender tops are delicious and rich in vitamins.



Early Wonder Beet



Improved Blood Turnip

GREEN TOP BUNCHING.

An early, extremely attractive Beet with clean, grayish green foliage. The roots are round, smooth and glossy; the flesh bright blood red, finer and less fibrous than most Beets. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

For continuous supply of young and tender beets make several sowings

OHIO CANNER.

This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, the most handsome Beet when canned that we know and outstanding for interior color. A desirable sort for all purposes. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$1.80, postpaid. Not prepaid, 5 lbs., \$7.75.

SWISS CHARD

LUCULLUS. To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.20, postpaid.



Swiss Chard Lucullus

Cabbage

Ask for Prices on Quantities Larger Than Listed

Culture: For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre.

EARLY VARIETIES

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

GOLDEN ACRE—Earliest of All

First of the Copenhagen Market type by ten days, this is the earliest round headed Cabbage. The plants are dwarf and compact. The heads

weigh about 3 pounds, are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant our Golden Acre. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; ½ lb., \$1.85; 1 lb., \$3.50, postpaid.



Golden Acre



Copenhagen Market

COPENHAGEN MARKET

This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Pkt., 10c; oz., 28c; ¼ lb., 85c; ½ lb., \$1.60; 1 lb., \$3.00, postpaid.

GREEN ACRE. A greener Golden Acre with smooth, solid, rich green color. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; ½ lb., \$2.05; 1 lb., \$3.90, postpaid.



Early Jersey Wakefield

CHIEFTAIN SAVOY

An early Savoy with round, medium sized heads. The much crumpled leaves are dark green. Savoy Cabbage is of distinct and delicate flavor. Pkt., 10c; oz., 40c; ¼ lb., \$1.40, postpaid.

EARLY JERSEY WAKEFIELD

A standard, widely grown sort and the earliest pointed variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 10c; oz., 28c; ¼ lb., 85c; ½ lb., \$1.60; 1 lb., \$3.00, postpaid.

For clean Cabbage watch for the white Cabbage moths. They lay eggs that graduate into Cabbage worms. Dust with Garden Guard or Will's Bugex when you see the moths hovering and at intervals thereafter.



Early Dwarf Flat Dutch

EARLY DWARF FLAT DUTCH. A fine second early for home and market garden. A sure header, the solid heads are medium green in color and flattened globe shaped, weighing from 4 to 5 lbs. This variety stands heat. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.70; 1 lb., \$3.20, postpaid.

RED ACRE. The earliest red cabbage. The uniform, deep red heads are medium sized, very hard and solid. Pkt., 15c; oz., 60c; ¼ lb., \$1.50, postpaid.

FOR CABBAGE PLANTS, SEE PAGE 58.

Your Will's Garden will pay big dividends

More Early CABBAGE

GLORY OF ENKHUIZEN. Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.20, postpaid.

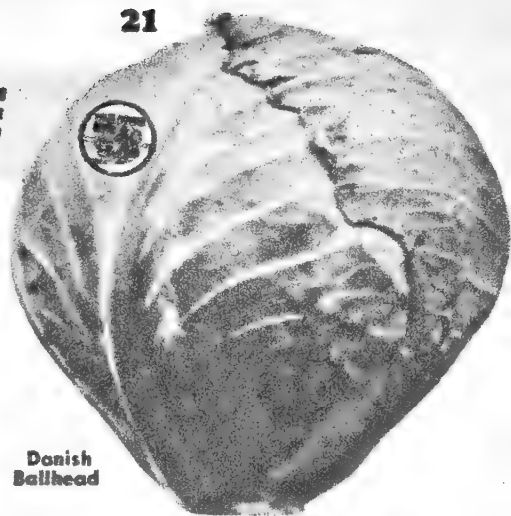


Glory of Enkhuiizen

**PROTECT
YOUR
PLANTS**

**DUST
WITH
GARDEN
GUARD**

See Page 79



Danish
Ballhead

Later CABBAGE

DANISH BALLHEAD Short Stem or Hollander. This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weigh from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.85; 1 lb., \$3.50, postpaid.

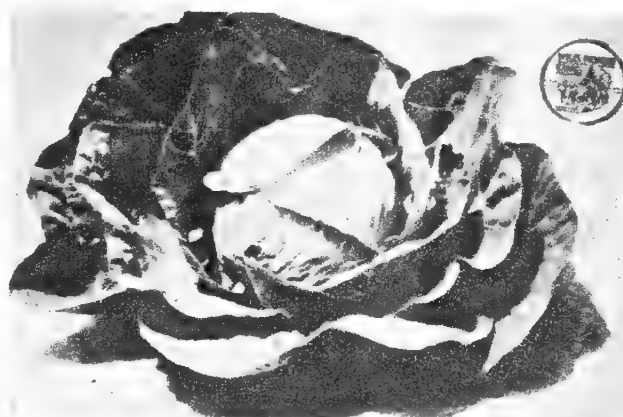
PENN STATE BALLHEAD Largest of the ballhead types, this is notable for its heavy yield and excellence for winter storage and for making kraut. The uniform heads are a flattened globe shape. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.85; 1 lb., \$3.50, postpaid.

CHINESE CABBAGE

CHIH LI—SUREHEAD STRAIN. The earliest and surest heading Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, white, solid, sweet and tender. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2½ to 6 pounds. Rapidly increasing in popularity, this vegetable is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 10c; oz., 22c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; 1 lb., \$2.25, postpaid.



Chihli, Chinese Cabbage



Selected Premium Flat Dutch

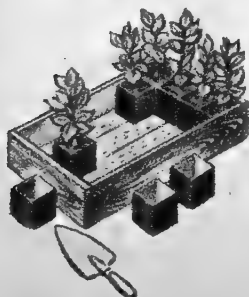
NEPONSET Waterproof Green Paper Flower Pots. Just the thing for starting bedding and vegetable plants, etc. 3-inch size, dozen, 35c; hundred, \$1.85; postpaid. Not prepaid, per thousand, \$16.00.



PREMIUM FLAT DUTCH. The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. May weigh 10 or 12 lbs. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.20, postpaid.

VITABAND-10. A nutrient treated band, 2 inches square and 3 inches deep. Fine for starting plants and growing them on for 8 to 10 weeks. Postpaid, 100, 80c. Not prepaid, per thousand, \$5.25.

VITABAND-40. A plant band with a more liberal supply of built in nutrients to promote vigor and sturdy growth. Sturdy construction reduces watering frequency and prevents transplant setback, 3 inches square and 3 inches deep. Postpaid, 100, \$1.20. Not prepaid, per thousand, \$8.80. If interested in larger quantities or other Neponset Green Thumb products—ask us.



Healthful CARROTS Tasty

Culture: Plant $\frac{1}{2}$ inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre.

CORELESS. The most delicately flavored and strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by $1\frac{1}{2}$ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00 postpaid.

We have always used Wills Pioneer seeds and find that we like them best. It seems they never fail to grow.—Rosemary Rozum, Fort Meade, S. Dak.

Carrots
are
Easily
Grown,
Heavy
Yielding
and
Health
Giving



Danvers Half-Long Carrot

Coreless Carrot

DANVERS HALF LONG.

The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 10c; oz., 22c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.00.

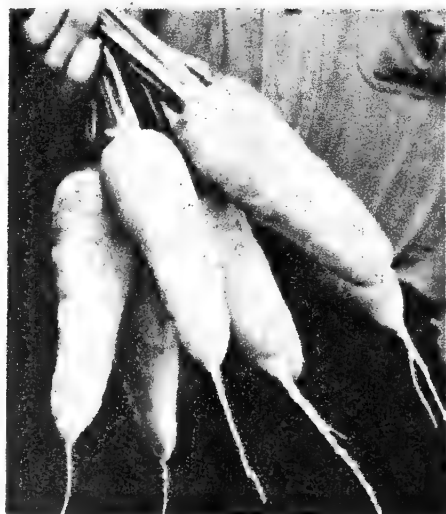
IMPROVED LONG ORANGE. A standard heavy cropping stock, the orange-red roots grow 10 to 12 inches long, 3 inches thick at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 10c; oz., 22c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

CHANTENAY or MODEL RED CORED.

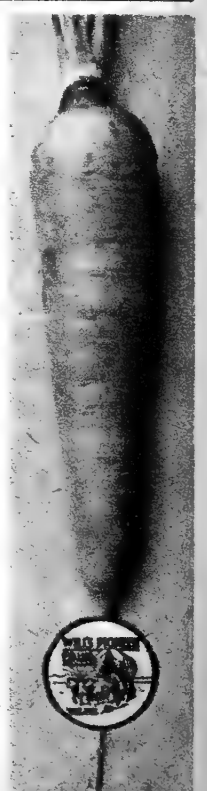
This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 10c; oz., 23c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.35, postpaid. Not prepaid, 5 lbs., \$10.50.

IMPERATOR or TENDERSWEET.

One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to $8\frac{1}{2}$ inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 10c; oz., 23c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.35; postpaid. Not prepaid, 5 lbs., \$10.50.



Chantenay Carrot



Imperator
or
Tendersweet

Geo. F. Coughlin
Box 78A
Richmond, Maine

Had $\frac{1}{2}$ oz. last year and raised some of the most beautiful pansies I ever saw.

Tree and Pot or
Garden Labels

Postpaid

	Doz.	100	1000
2 $\frac{1}{2}$ Inch, Iron Wired Tree Labels,			
Plain	10c	45c	\$3.00
6 Inch, Painted Pot or Garden			
Labels .....	.15c	55c	4.50

OXHEART or GUERANDE.

One of the most valuable and popular varieties. When fully

grown the type is about 5½ inches long, 3¼ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 10c; oz., 22c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.00.



Morse's Bunching

MORSE'S BUNCHING.

A fine bunching carrot of high quality, almost coreless and a heavy yielder. The nearly cylindrical, deep orange roots are about 8 inches long. This is an excellent variety both for market and home garden and does especially well in the North. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$11.75.

*Mrs. O. W. Mattox
Lodge Grass, Mont.*

We have always been more than satisfied with your seeds.



Oxheart Carrot

**One of the Most Profitable Crops
for Market and Small Gardeners**

Cauliflower

CULTURE: Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form.



Super Snowball

QUARTER AND HALF OUNCES AT OUNCE RATE

SNOWDRIFT or WHITE MOUNTAIN. True Snowball type, very vigorous and one of the surest headers, with heads well protected by inner folding leaves. Pkt., 15c; oz., \$2.75.

EARLY SNOWBALL. The earliest cauliflower, short leaved with medium sized heads, snow white, deep, smooth and compact. Pkt., 15c; oz., \$2.35.

**Dust Cauliflower
regularly
with Bugex**

DANAMERICA SUPERSNOWBALL (Madsen). Our most reliable header and uniform Cauliflower, ten days later than SuperSnowball. The plants are short stemmed with profuse protecting foliage. The heads are deep, very firm and heavy. Pkt., 20c; oz., \$3.50.

SUPER SNOWBALL. Very uniform and dependable. The plants are vigorous and very sturdy. The deep heads are large, pure white and of fine flavor. Pkt., 15c; oz., \$3.00.

*Mr. & Mrs. Stanley J. C. Stenberg
Box 303
Fairbanks, Alaska*

We tried some of your seed last year and had very good luck so would like to order all of our seeds from your catalog.

Early Snowball



For Cauliflower Plants, See Page 58.

**EARLIEST
HARDEST
QUALITY**

SWEET CORN

**OUR
SPECIALTY**

CULTURE: Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to 3½ feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

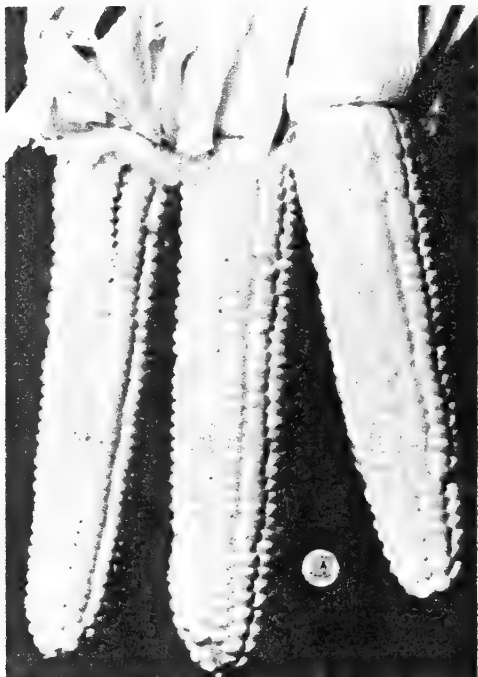
Will's Sweet Corn Collection

This collection is designed to give the longest possible succession of Sweet Corn. Plant all six sorts at the same time.

ORCHARD BABY WILL'S EARLIEST PIONEER HYBRID
EARLIGOLD GREAT PLAINS GOLDEN BANTAM
LINCOLN GOLDEN CROSS HYBRID
2 Ounces of Each of **60c** The Price of the Collection, Postpaid

HYBRID SWEET CORN

More Vigorous, Uniform, and Heavier Yielding

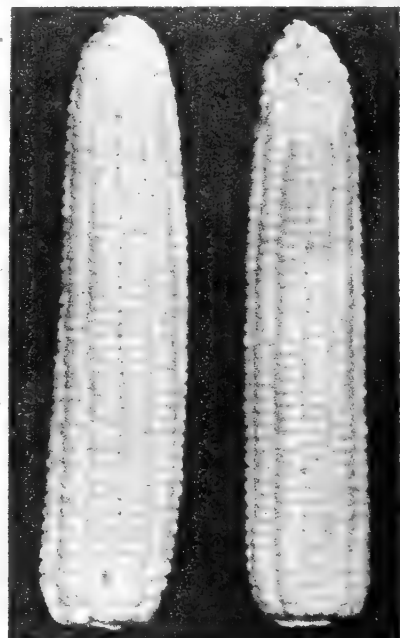


Earligold Hybrid

WILL'S EARLIEST PIONEER HYBRID. 63 days. Of Golden Gem type, this is the earliest hybrid we know. The eight rowed, golden ears are very uniform, extra early, and of good quality. Illustrated on inside front cover. Pkt., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.80; 10 lbs., \$5.50.

EARLIGOLD HYBRID. 72 days. A very early, large eared, heavy yielding yellow hybrid Sweet Corn. The uniform golden ears are 6½ to 7 inches long with 12 to 16 rows of kernels. A most satisfactory combination of earliness, size and quality. Pkt., 10c; ¼ lb., 22c; ½ lb., 38c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.

WILL'S PIONEER SUN HYBRID. 75 days. Of Sunshine type, this is a large eared, golden sweet corn of fine flavor. Pkt., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.80.



Golden Cross Bantam

LINCOLN. 80 days. All American Bronze Medal Winner. This rich yellow hybrid is about a week earlier than Golden Cross Bantam, is wilt resistant, drought tolerant and of good quality. Pkt., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.50.

GOLDEN CROSS BANTAM

85 days. A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About 2 weeks later than our Golden Bantam with very uniform ears. This is resistant to Stewart's disease or Wilt and is the most widely used hybrid. Pkt., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.30; 10 lbs., \$4.50.

STANDARD or OPEN-POLLINATED SWEET CORN

Excellent varieties often preferred for the home garden



Golden Gem

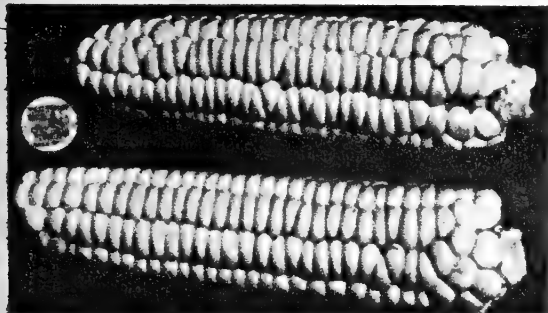
ORCHARD BABY. 60 days. (See inside front cover for colored picture.) The Earliest Sweet Corn, the dwarf plants produce small golden ears of truly high quality. This variety has shown up as the earliest sweet corn in trials over a wide area. Pkt., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.10; 10 lbs., \$4.00.

GOLDEN GEM. 68 days. Very Early. Ten days earlier than Golden Bantam, the 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Pkt., 5c; ¼ lb., 14c; ½ lb., 24c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.75; 50 lbs., \$11.75.

COMMANDO. A cross from our seed plots—Golden Gem crossed with the very early, but tall growing Russian yellow flint. Good size combined with extreme earliness, good habits and good quality. Pkt., 5c; ¼ lb., 16c; ½ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$3.00.

EARLIEST
HARDIEST
QUALITY

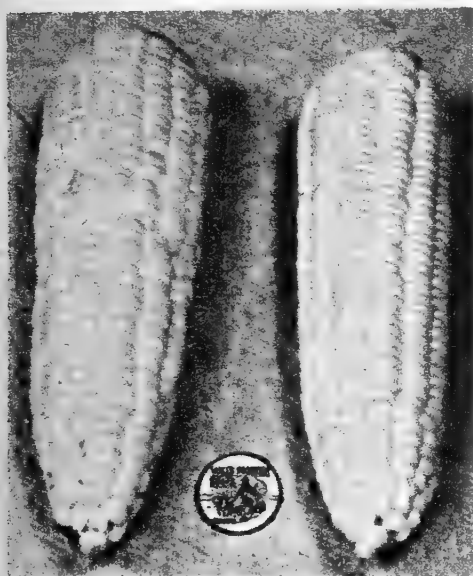
SWEET CORN

OUR
SPECIALTY

Will's Early June

and the most productive variety we have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow and of fair quality. Our original seed was obtained from a Mandan Indian about 40 years ago. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.75.

SUNSHINE. 76 days. Larger eared, yet as early as standard strains of Golden Bantam. The 12 to 14 rowed, golden yellow ears are 8 in. long, and thick, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 50 lbs., \$10.50.



Sunshine

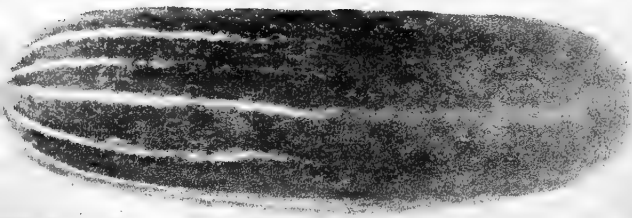
GOLDEN BANTAM—Great Plains Strain. 72 days. A recombination of a number of smut-resistant selfed strains. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. Our original stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. It is far ahead of any other Golden Bantam we have seen. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$3.00.

GOLDEN BANTAM—Standard Strain. 70 days. The best and most popular Sweet Corn. Dependable, of highest quality, the broad, deep, tender golden kernels are rich and delicious. Ours is earlier than most strains of Golden Bantam. The 8 rowed ears are 6 to 7 inches long, very sweet, tender and delicious and remain edible for a long time. It is a heavy producer. Pkt., 5c; $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

WILL'S BANANA CREAM. 85 days. Medium late, delicious, large eared creamy white Sweet Corn of outstanding quality. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.75.

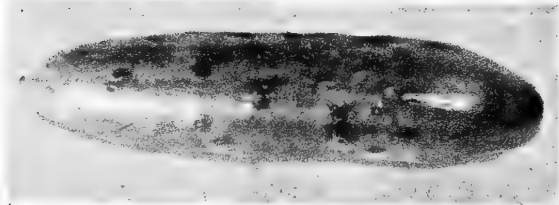
STOWELL'S EVERGREEN. 95 days. The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.75; 50 lbs., \$11.75.

Golden
Bantam**ORDER EARLY**



Earliest of All

EARLIEST OF ALL. The Earliest Standard Cucumber of Quality. Prolific and desirable, the deep green Cucumbers are 7½ inches long and 2½ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$1.95, postpaid.



Marketer

MARKETER. 8 inches long by 2¼ inches in diameter, slightly tapering at ends. Very dark green skin, with crisp, high quality flesh and small seed zone; a high yielder and extra fancy slicer. Pkt., 10c; oz., 30c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.80, postpaid.

WHITE WONDER. An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.



Extra-Early Siberian

EXTRA EARLY SIBERIAN. The Earliest and Hardest Cucumber. A heavy yielder and two weeks earlier than any other sort, the Cucumbers are 6 inches long by 2½ inches through, somewhat russeted when ripe. Of good quality, this sort is fine for small pickles and dills as well as for slicing. Pkt., 10c; oz., 35c.

Do not use D.D.T. dusts or sprays on Cucumber vines. It harms them. Use Rotenone dusts for best results.

Crisp CUCUMBERS

For Pickling and Slicing

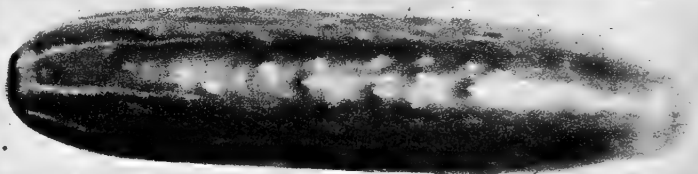
As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One bunc of seed will plant about 80 hills. Cucumbers from seed in 46 to 68 days depending on variety.

A & C. An outstandingly uniform, vigorous and high yielding variety, of ideal size, shape and quality. The rich deep green fruit are 8 to 9 inches long by two inches thick, few seeded, and hold their color unusually well. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.



Arlington White Spine Cucumber

ARLINGTON WHITE SPINE. One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and 2½ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.



Improved Long Green

IMPROVED LONG GREEN. The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.

EARLIEST WHITE. Very early and a heavy yielder, the Cucumbers average 7 inches long, initially green, turning white as they mature, crisp and of fine quality. Pkt., 10c; oz., 35c.

WEST INDIA GHERKIN. Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by 1¼ inches through, small seeded and covered with tender spines. Pkt., 10c; oz., 30c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.80, postpaid.

Dears Sirs:

I have used your garden seeds for 10 years now with outstanding results. I get a great deal of satisfaction from both vegetable and flower gardens planted with your seeds.

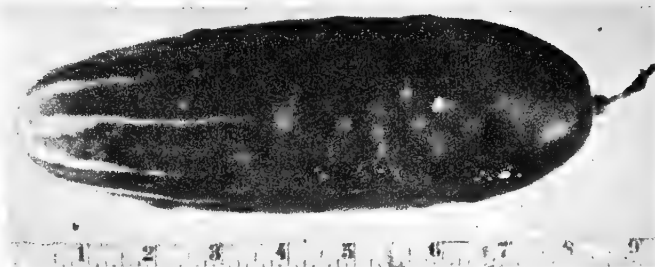
*Sincerely, Mrs. Ray Bjornson,
Arvilla, N. Dak.*

WILL'S CUCUMBERS



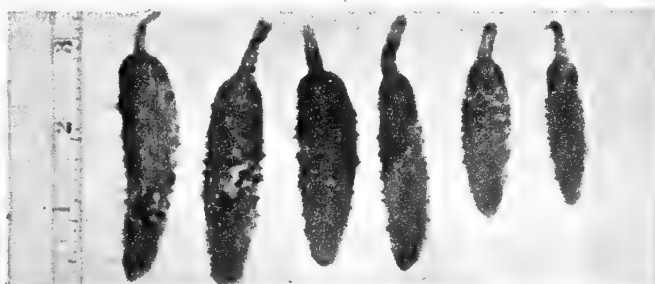
Straight Eight

STRAIGHT EIGHT. The most desirable slicing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.80, postpaid.



Early Fortune

EARLY FORTUNE. One of the best all around Cucumbers. Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and $2\frac{1}{2}$ inches through. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$2.25, postpaid.



Early Fortune (Pickling Size)

NATIONAL PICKLING. A strong vined dependable producer and one of the best all around picklers. The cylindrical fruit is deep dark green, blocky at both ends, very solid and of excellent pickling qualities. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$1.95, postpaid.

CHICAGO PICKLING

Sturdy, vigorous, best adapted to unfavorable conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75, postpaid.



Chicago Pickling Cucumbers

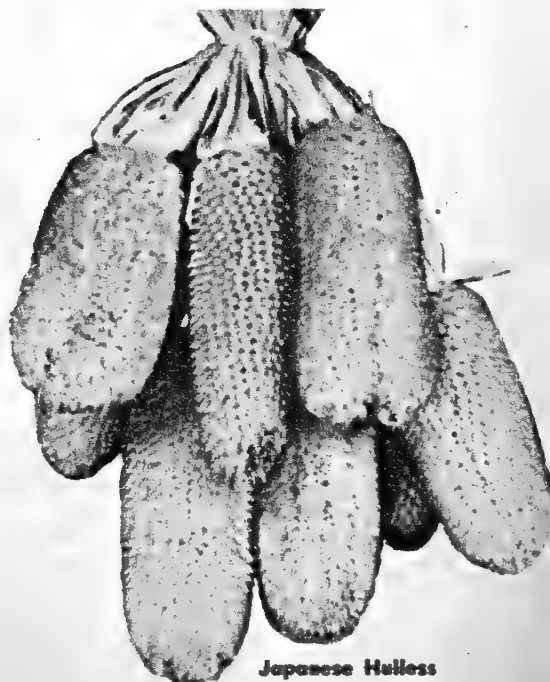
POPCORN

JAPANESE HULLESS. Of wonderful popping quality. This is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 21c; 1 lb., 35c postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

IROQUOIS. A slim eared variety of the White Rice type obtained originally from the Iroquois Indians of New York. It is a good yielder and much earlier than other White Rice Strains. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 21c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

Mrs. Art S. Reineking
Harvey, N. Dak.

For many years past we have used Will's seeds. We know Will's seed will grow, will produce, will satisfy, and will make new friends whenever tried.



Japanese Hulless

LETTUCE

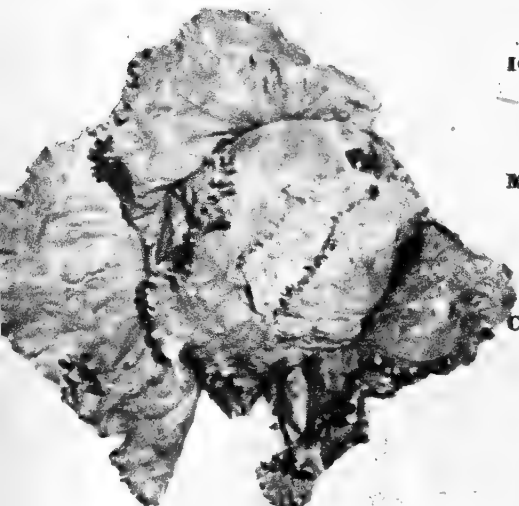
Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over $\frac{1}{2}$ inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

HEADING VARIETIES

GREAT LAKES. An All American winner, developed by the Michigan Experiment Station and the U. S. Department of Agriculture. This crisp, solid New York type succeeds under a wide range of conditions and produces in hot weather when others fail. It is resistant to tip burn and slow to go to seed. It is an outstanding home garden sort. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.75, postpaid.

BLACK SEEDED TENNIS-BALL or SALAMANDER. One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.40, postpaid.

PARIS WHITE COS. This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.



Mignonette



Improved Hanson

IMPROVED HANSON or NONPAREIL

A very reliable, sure heading variety and a vigorous grower. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.10, postpaid.

MIGNONETTE. The Earliest and Surest Heading Sort. Fine for Home Gardens. One of the hardest heading

of all Lettuces, the heads are quite small and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c, postpaid.

ICEBERG. A home garden sort. The heads are large, solid, crisp, tender and light green. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.10, postpaid.

MAY KING. A very compact, early, butter heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.10, postpaid.

CRISP AS ICE or HARTFORD BRONZE HEAD. A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort and do not get bitter. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid.

HERBS:

CARAWAY. Grown for seeds which are used in flavoring. Pkt., 10c.

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 10c.

DILL—Long Island Mammoth. The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10.

MUSTARD—Fordhook Fancy. Foliage used for greens. Pkt., 10c; oz., 20c.

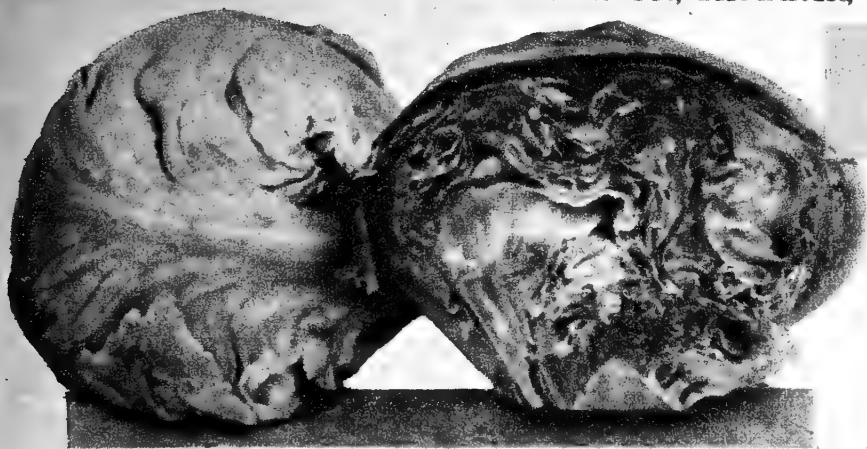
SAGE—Broad Leaved. The leaves, either fresh or dry, are used as seasoning in many ways. Pkt., 10c; oz., 75c.

SUMMER SAVORY. Leaves and flowers flavor soups and dressings. Pkt., 10c.

SWEET MARJORAM. Leaves and shoots flavor soups and dressings. Pkt., 10c.



Dill



New York Lettuce

MORE HEAD LETTUCE

NEW YORK or WONDERFUL

The outstanding heading type—known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

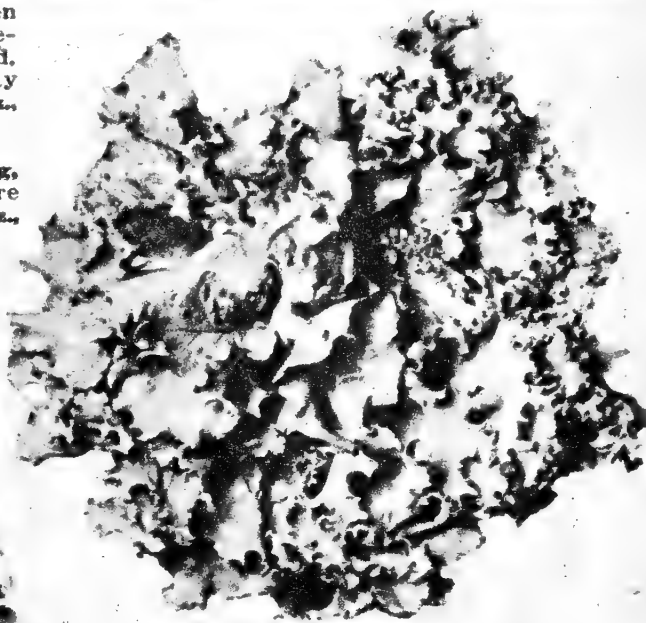
New York No. 515. The earliest and surest heading. White seeded. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; ½ lb., \$1.70; 1 lb., \$3.25, postpaid.

Imperial No. 847. Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; ½ lb., \$1.70; 1 lb., \$3.25, postpaid.

CURLED or LOOSE HEAD VARIETIES

SLOBOLT. One of the best leaf varieties—a light green curled and fringed leaf sort developed by the U. S. Department of Agriculture. It is very slow to go to seed, stands high temperatures, and keeps its high quality longer than any other sort. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50, postpaid.

BLACK SEEDED SIMPSON. A popular quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.



Early Curled Simpson

EARLY CURLED SIMPSON—WHITE SEEDED.

Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are a bright lustrous green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.



Prizehead

PRIZEHEAD. An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The inner leaves are much crumpled and frilled, bright green with outer foliage tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.

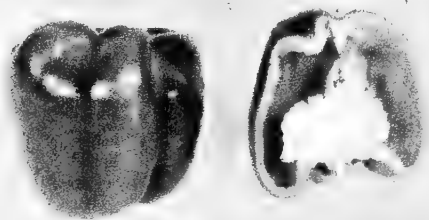
GRAND RAPIDS. Very tender, quick growing, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.

OAK LEAF. One of the two or three most popular leaf lettuces for the home garden. Attractive and distinctive, deep green, semi-heading, long standing and very tender. Pkt., 10c; oz., 27c; ¼ lb., 80c, postpaid.



Your Choice of Hot or Sweet **PEPPERS**

Culture: Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about 2½ feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases.



Early California Wonder

This sort is early, hardy and prolific. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

MERRIMACK WONDER. A very early and prolific, thick walled, sweet Pepper developed at the New Hampshire Agricultural Experiment Station. A heavy yielder under adverse conditions, the dark green fruits turn brilliant red when ripe. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.00, postpaid.

RUMANIAN WAX. The large attractive fruits are 4½ inches by 2½ inches, a pale waxy yellow turning bright red when ripe. The flesh is mild but the ribs are tangy.



King of the North

KING OF THE NORTH. An early heavy yielding, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.80.

EARLY CALIFORNIA WONDER. The high quality fruits of this early sort are good sized, blocky, smooth, mild and sweet; a bright crimson as they ripen. Pkt., 10c; oz., 60c; ¼ lb., \$2.00, postpaid.

TOMATO-SQUASH or SUNNYBROOK. The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 60c.

RED CAYENNE. Long, red, hot. Pkt., 10c; oz., 50c.

**Pepper and Celery
PLANTS
On Page 58**



Golden Plume

CELERY

Culture: For early planting sow indoors in February or March. One-eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.

GOLDEN PLUME or WONDERFUL. N O . 4 1 6 2

The Best of the Self Blanching Sorts, early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.60, postpaid.

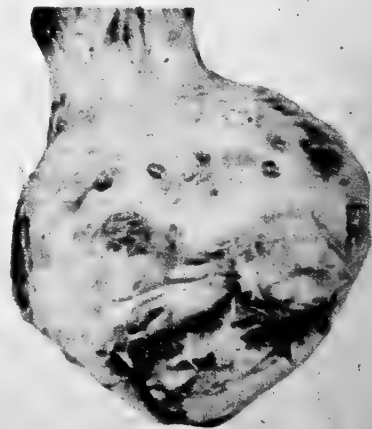
UTAH or SALT LAKE No. 99. The best green celery. Large, broad stalks with well developed heart, a good keeper, of fine nutty flavor. Largely used when green, but blanches quicker than most green sorts to a crisp pure white. Pkt., 10c; oz., 70c; ¼ lb., \$2.15, postpaid.

GOLDEN SELF BLANCHING. Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$3.00, postpaid.

GIANT PASCAL. A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 10c; oz., 70c; ¼ lb., \$2.15, postpaid.

CELERIAC OR TURNIP-ROOTED CELERY—GIANT

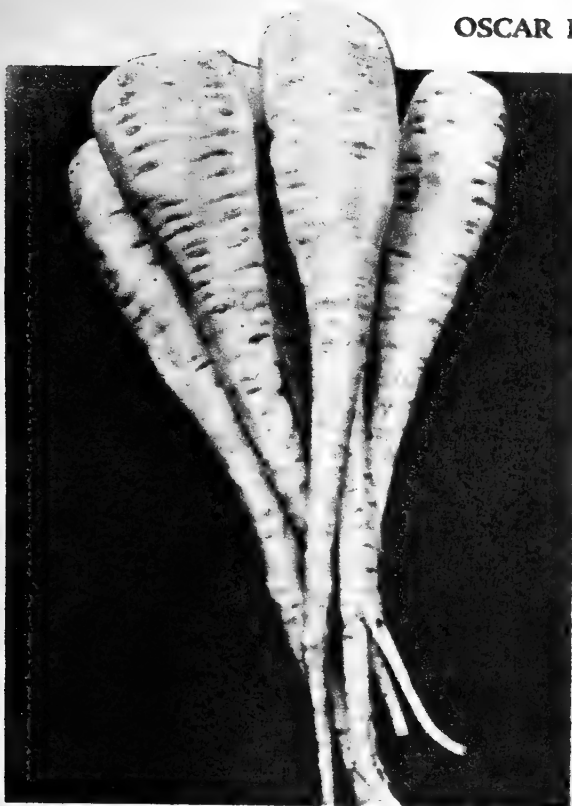
PRAGUE. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 10c; oz., 70c; ¼ lb., \$2.15, postpaid.



Celeriac or Turnip-Rooted Celery

I was more than satisfied with the vegetable crop I received from your seeds I planted last year.

Charles Bergstrom
10841 S. Wabash Ave.
Chicago 28, Ill.



Improved Guernsey Parsnip

EARLY CHEYENNE. The One Pie Pumpkin.

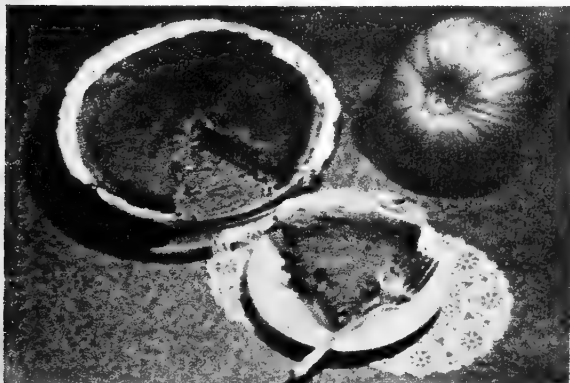
A very early, small, orange Pumpkin developed at the U. S. Great Plains Field Station, U.S. Department of Agriculture, at Cheyenne, Wyo., from our Fort Berthold Pumpkin. Thick meated, solid and uniform, of highest quality, this is about two weeks earlier than Sweet Sugar. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.05; 1 lb., \$1.75, postpaid.

CHEYENNE BUSH. Highly productive, bush type plants with extra early, fine quality, orange fleshed pumpkins. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.05; 1 lb., \$1.75, postpaid.

CONNECTICUT FIELD or BIG TOM. A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.40, postpaid.

OMAHA. A Will introduction. A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 20c; ¼ lb., 65c, postpaid.

FORT BERTHOLD. A Will introduction. The earliest Pumpkin, small, flattened and of good quality. Developed from seed obtained from the Mandan and Arikara Indians, it is very hardy. Pkt., 10c; oz., 20c; ¼ lb., 65c, postpaid.



Early Cheyenne

PARSNIPS

Culture. Sow as early in spring as possible, in rows not less than 18 inches apart and about ½ inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

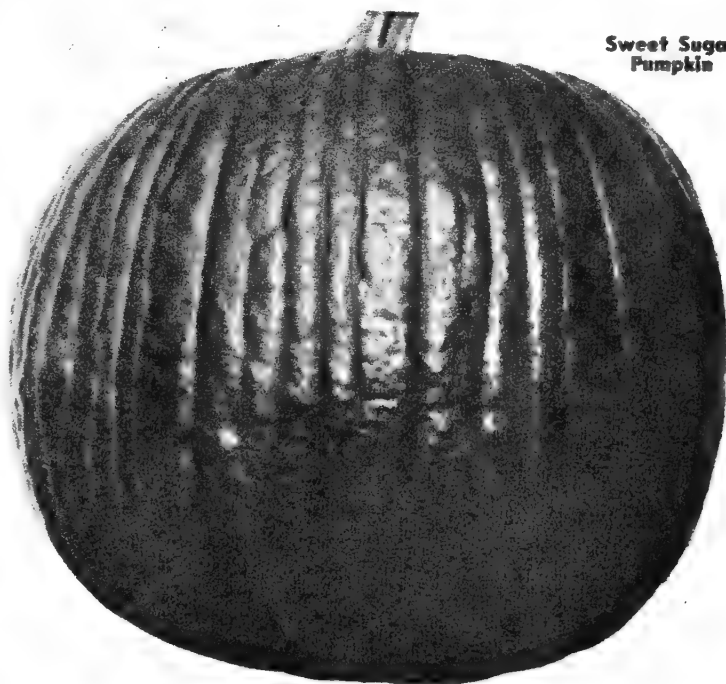
SHORT THICK. The earliest Parsnip. Three inches thick at the shoulder and from 6 to 8 inches long, this fine quality sort is nearly a month earlier than any larger variety. Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.70, postpaid.

IMPROVED GUERNSEY or HOLLOW

CROWN. The best for general cultivation and a heavy yielder. About 3 inches thick at the shoulder and from 12 to 15 inches long, the smooth roots are fine grained, tender and sugary. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

PUMPKINS

Culture. Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.



Sweet Sugar Pumpkin

SWEET SUGAR or NEW ENGLAND PIE.

The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.40, postpaid.

KING OF MAMMOTHS. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.05; 1 lb., \$1.75, postpaid.

Early MUSKMELONS Hardy

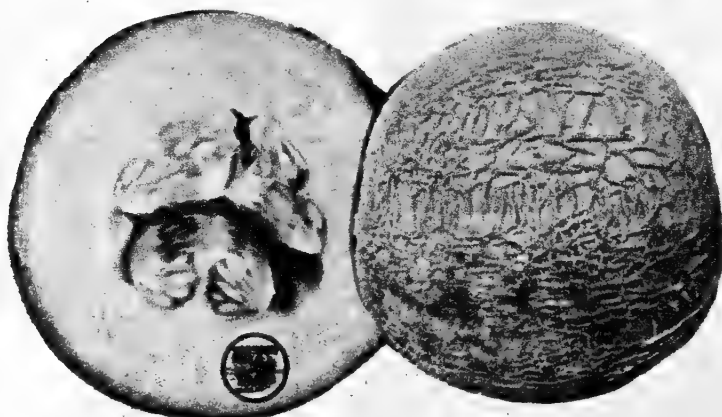
Culture. When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

EXTRA EARLY OSAGE.

One of the earliest salmon fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.



Extra Early Osage



Sugar Rock or Honey Rock

SUGAR ROCK or HONEY ROCK.

This is one of the most delicious melons and very productive. The medium-sized, round, heavily netted Melons are of uniformly fine quality with very thick, sweet, orange flesh. The most profitable market variety. Standard Stock. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

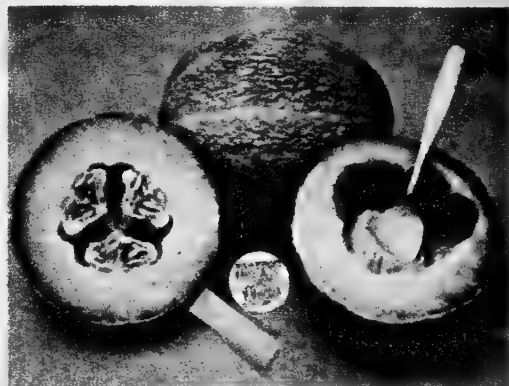
DAKOTA STRAIN. Our own selection, a week to ten days earlier than the standard stock with equal yield and quality. Pkt., 15c; oz., 30c, postpaid.

GOLDEN GOPHER. A smooth, ribbed oval, orange fleshed wilt resistant sort introduced by the Minnesota Agricultural Experiment Station. A melon of very high quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

EXTRA EARLY KNIGHT.

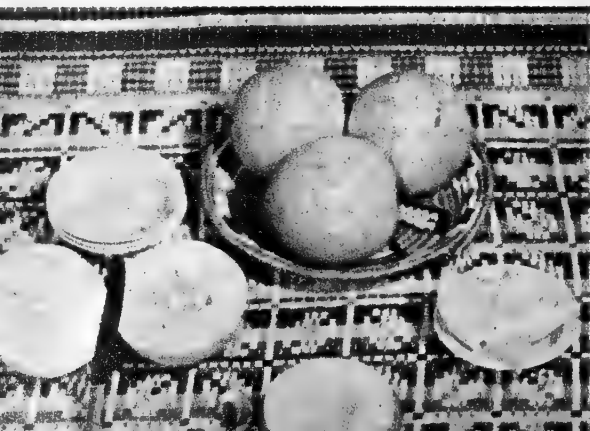
The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

EMERALD GEM. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.



Extra Early Knight

Oro Blanco



ORO BLANCO.

A Persian or Casaba type Melon that will mature in the North. About five inches in diameter with golden skin, the white fleshed melons are delicious when dead ripe. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

EARLY TYE. A very early melon, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of fair quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid.

NORMAN ROSS. A large, early, orange fleshed netted melon developed at the Canadian Experiment Station at Indian Head, Sask. Pkt., 10c; oz., 30c.

MUSKMELONS

HALE'S BEST—Jumbo. The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

DAKOTA HONEY DEW. One of the sweetest melons, good sized, round to oval, with creamy white skin. The earliest of this type and decidedly worth trying. Pkt., 10c; oz., 30c, postpaid.

LAKE CHAMPLAIN or GOLD-

EN CHAMPLAIN.

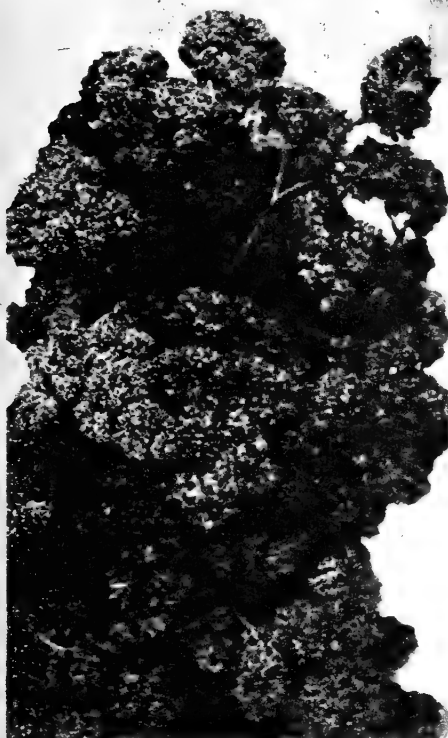
A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

CHIPMAN'S STRAIN. Ten days earlier than the standard Lake Champlain and the earliest melon of good quality; developed by the late George F. Chipman, for many years editor of the Country Guide of Winnipeg, Canada. Pkt., 10c; oz., 25c, postpaid.

STANDARD STOCK. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.



Lake Champlain—Chipman Strain



Moss Curled Parsley

PARSLEY

CULTURE. Soak the seed a few hours in lukewarm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

PARAMOUNT. A very uniform variety with tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 16c; ¼ lb., 50c; lb., \$1.50, postpaid.

CHAMPION MOSS CURLED. Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 16c; ¼ lb., 50c; lb., \$1.50, postpaid.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. Pkt., 5c; oz., 16c; ¼ lb., 50c, postpaid.



Wazu

WAZU or HAILSTONE. A very early, solid, thick meated melon of exceptional flavor and quality. About five inches in diameter. This is one of the best home garden sorts we know and should be more widely planted. Pkt., 10c; oz., 30c; ¼ lb., 95c, postpaid.

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 30c; ¼ lb., 95c, postpaid.

RHUBARB OR PIEPLANT

MONARCH. Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.80.

ROOTS

MCDONALD. Very large and prolific, with few seed stalks, this makes fine flavored pink sauce. Each, 35c; doz., \$3.50. Postpaid, each, 45c; doz., \$4.50.

CANADA RED. Developed by the late Canadian plant breeder, G. F. Chipman. One of the best sorts, seedless with stems dark red clear to the heart. Produces the most beautiful red sauce. Each, 90c; 5, \$4.25. Postpaid, each, \$1.00; 5, \$4.50.

VALENTINE. A new and very fine Canadian sort. The stalks are red throughout and make sauce of attractive quality and red color. Each, \$2.15, postpaid.



Will's Early WATERMELONS

CULTURE. When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre.

RED RUSSIAN-EARLY KANSAS or RED HUTCHINSON. A large, nearly round, early melon weighing up to 40 pounds. The skin is dark green with lighter striping, and the bright scarlet flesh is delicious. Pkt., 8c; oz., 18c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

GOLDEN HONEY OR GOLDEN SWEET. A nearly round, medium sized melon, light green with darker green stripes. The crisp, delicious flesh is amber yellow. Pkt., 10c; oz., 25c.

ICE BOX. A fine, red fleshed, very early and hardy home garden melon of excellent flavor. It is about six inches in diameter and will go into a refrigerator without being cut. Pkt., 10c; oz., 25c; ¼ lb., 65c, postpaid.

E. F. Samuelson

Chugwater, Wyo., R. No. 1.

Experience in the past has taught me that for these parts at least there is no more dependable than the seeds you put out. I found they mature here in the mile high western plains for the dry farmer.

Oscar H. Will & Co. has been a member of the American Seed Trade Association since 1888. There are only sixteen older member firms in the country.



Cole's Early

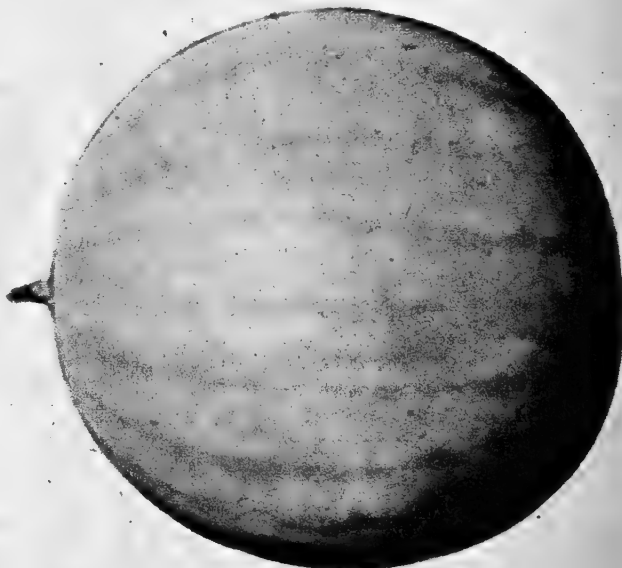
COLE'S EARLY. One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

WILL'S SUGAR. Introduced by us over fifty years ago. Extra early, hardy and highly productive, this is one of the sweetest Watermelons grown. Pkt., 10c; oz., 35c, postpaid.

KLONDIKE-STRIPED NO. 11. Large, thick oblong melon, with deep red flesh of remarkable flavor—one of the very highest sugar contents of any commercial watermelon. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

ARIKARA. The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

CITRON. (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.



Winter Queen

WINTER QUEEN. A high quality, heavy yielding of medium size, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

KLECKLEY SWEET or MONTE CRISTO. One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt. 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.



Kleckley Sweets

WATERMELON DAKOTA SWEET

Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Similar to Northern Sweet. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.



Dakota Sweet Watermelon

BUZA RED WINTER. Small, round, fine keeping, light green striped melon with fine quality red flesh. Originally from Poland and very early. Pkt., 10c; oz., 30c, postpaid.

YELLOW BOTTOM ONION SETS. Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 33c; 4 lbs., 95c, postpaid. Not prepaid, peck, \$1.30; bushel, \$4.50.

RED BOTTOM SETS. Fine, well cured sets. 1 lb., 33c; 4 lbs., 95c, postpaid. Not prepaid, peck, \$1.30; bushel, \$4.50.

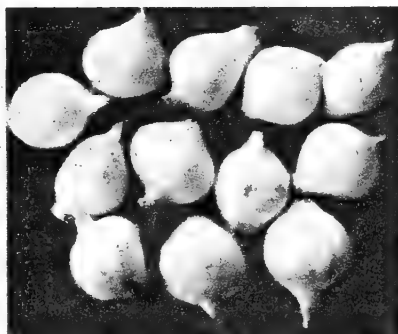
TOP or WINTER ONION SETS. Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 42c, postpaid.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 42c, postpaid.

Fred F. Meyer

Forbes, N. Dak., Box 1

We have used your seeds for many years and have always found them very satisfactory, especially the Bison Tomato plants. We usually have enough tomatoes to can, eat fresh out of the garden and still have some left to sell. What you have done in developing hardier and better plants is marvelous.



ONION SETS

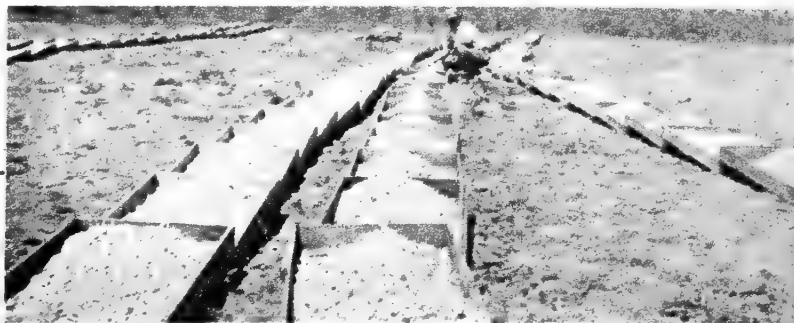
Write for prices on lots larger than those listed

A planting of sets for green onions, delicious early boilers or fine bulbs for winter should be in every garden. We grow our own Bottom Onion Sets at Bismarck. One pound to 60 feet of row. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price $\frac{1}{2}$ peck and over, subject to change.

Onion Set prices are for March delivery or later.

GARLIC

BAVARIAN. Lb., 60c; 5 lbs., \$2.50, postpaid.



Onion Sets at Our Nursery

WILL'S PIONEER BRAND ONION SEED

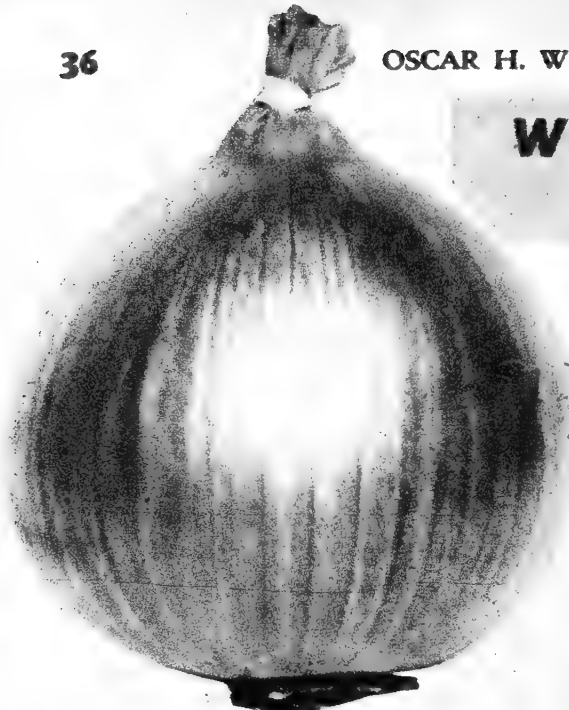
Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering $\frac{1}{2}$ inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre.

MONTANA WHITE PORTUGAL or SIL- VERSKIN.

The All Around Onion. The most widely used white Onion. Medium sized, flat, hard and fine grained Onion of fairly mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.45; $\frac{1}{2}$ lb., \$2.65; 1 lb., \$5.00, postpaid. Not prepaid, 5 lbs., \$24.00.

Orville H. Shuck
Wendell, Minn.

I have planted your Sweet Corn collection for the last 3 years and we have enjoyed corn all summer long.



Early Yellow Globe

EARLY YELLOW GLOBE. The best early globe onion and the earliest of the good keepers. A large, attractive onion, deep yellow in color with mild flavor. A heavy cropper and a good winter keeper. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.35; $\frac{1}{2}$ lb., \$2.55; 1 lb., \$4.80, postpaid. Not prepaid, 5 lbs., \$23.00.

Mr. Emil Kratochvil

Lankin, N. Dak., R. No. 2, Box 48

I am very much pleased with your seeds especially your Prizetaker Onion. I sure can depend on it every year. I wouldn't plant a garden without this onion seed.

SOUTHPORT WHITE GLOBE. This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm and fine-grained. Pkt., 10c; oz., 55c; $\frac{1}{4}$ lb., \$1.70; $\frac{1}{2}$ lb., \$3.20; 1 lb., \$6.00, postpaid. Not prepaid, 5 lbs., \$29.00.

For Onion Sets See Page 35



Yellow Globe Danvers

YELLOW GLOBE DANVERS. This is a standard variety for winter use in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.35; $\frac{1}{2}$ lb., \$2.45; 1 lb., \$4.60, postpaid. Not prepaid, 5 lbs., \$22.00.

ONION PLANTS

SWEET SPANISH. The best variety for our needs. Sown early in milder sections and plants lifted to produce Onions of Bermuda quality in northern gardens. We include cultural directions with each purchase. We offer Onion Plants by the bunch only. They are pulled by the handful or bunch. The number per bunch usually runs between 55 and 125 depending largely on the size of the plants. The count varies considerably and we cannot specify the number of plants in a bunch. Ask for prices on crate lot—60 Bunches to the crate. Bunch, 35c; 2 Bunches, 60c; 5 Bunches, \$1.30; 10 Bunches, \$2.25, postpaid.



Onion Plants

WILL'S ONION SEED

DAKOTA GLOBE. The Money Making Onion. We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.10; $\frac{1}{2}$ lb., \$2.15; 1 lb., \$4.00, postpaid. Not prepaid, 5 lbs., \$19.00.

EARLY GRANO or Babosa. The earliest onion, medium large, straw colored of mild flavor, white flesh and Sweet Spanish quality. Not a keeper, but desirable for home garden and early market. Pkt., 10c; $\frac{1}{2}$ oz., 55c; oz., 85c; $\frac{1}{4}$ lb., \$2.25; $\frac{1}{2}$ lb., \$4.00; 1 lb., \$7.50, postpaid. Not prepaid, 5 lbs., \$36.50.



Sweet Spanish-Utah Strain

SWEET BERMUDA—Excell Strain. One of the earliest onions, flat, very early and in no sense a keeper. The skin is a light straw color and the white, crisp flesh is very mild and sweet. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.35; $\frac{1}{2}$ lb., \$2.45; 1 lb., \$4.60, postpaid. Not prepaid, 5 lbs., \$22.00.

EBENEZER. A dark yellow, flattened, medium sized Onion, mild and tender. Readily grown from seed, it is used mainly for producing superior Onion sets. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.20; $\frac{1}{2}$ lb., \$2.15; 1 lb., \$4.00, postpaid. Not prepaid, 5 lbs., \$19.00.

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$2.10.



Dakota Globe

PRIZETAKER. One of the largest and mildest onions grown. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs sometimes attaining a weight of 2 pounds. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.45; $\frac{1}{2}$ lb., \$2.65; 1 lb., \$5.00, postpaid. Not prepaid, 5 lbs., \$24.00.

RED WETHERSFIELD One of the oldest and best strains, a sure and heavy yielder and a good keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.35; $\frac{1}{2}$ lb., \$2.45; 1 lb., \$4.60, postpaid. Not prepaid, 5 lbs., \$22.00.

SWEET SPANISH or VALENCIA-UTAH STRAIN Earlier, milder and a much better keeper, this is a decided improvement over the Riverside Strain.

One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75; $\frac{1}{2}$ lb., \$3.25; 1 lb., \$6.10, postpaid. Not prepaid, 5 lbs., \$29.50.

Onion
Sets
on
Page 35



Prizetaker

WILL'S CHOICEST GARDEN PEAS

Culture: Sow early in spring in rows not less than 20 in. apart, covering $1\frac{1}{2}$ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. For freezing, plant Alderman, Laxton's Progress or World's Record. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin.

FIRST OF ALL or EARLY JUNE

This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper. $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 29c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.00; 20 lbs., \$5.80; 100 lbs., \$26.00.

PREMIER

More prolific and a little taller than American Wonder or Nott's Excelsior, which it replaces in our list. Very early, dwarf, high yielding, market garden variety of excellent quality. $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 29c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.00; 20 lbs., \$5.80; 100 lbs., \$26.00.

First of All

World's Record

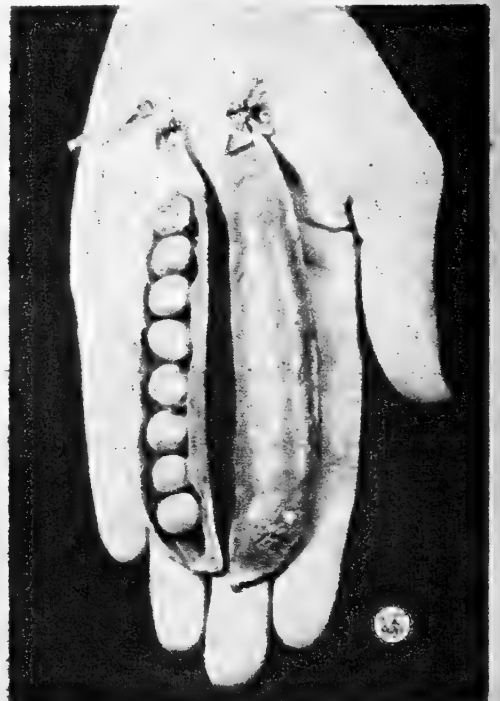
WORLD'S RECORD or IMPROVED GRADUS

This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to $2\frac{1}{2}$ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite. $\frac{1}{4}$ lb., 18c; $\frac{1}{2}$ lb., 31c; 1 lb., 52c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.40; 20 lbs., \$6.60; 100 lbs., \$30.00.

ALASKA

This standard hardy and early smooth seeded variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are $2\frac{1}{2}$ inches long, square ended and contain from 5 to 8 Peas to the pod. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$18.00.

Alaska



Little Marvel

LITTLE MARVEL

One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet. $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 29c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90; 20 lbs., \$5.60; 100 lbs., \$25.00.

Inoculate
peas with

NITRAGIN

Garden Size, will treat up
to 6 lbs. Price postpaid.

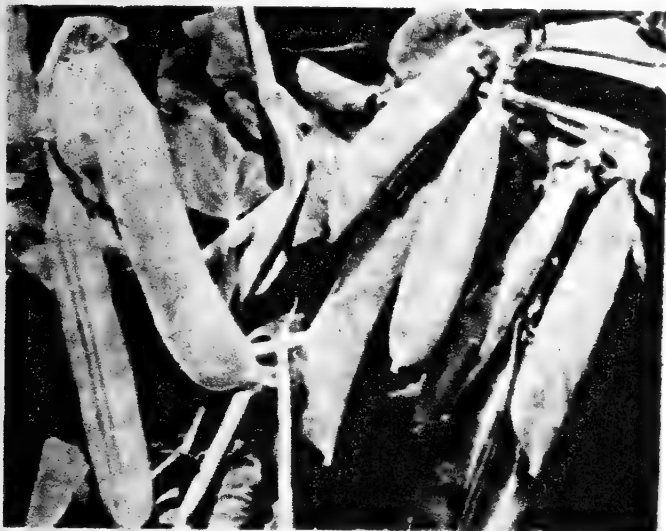
10c

EARLY DWARF PEAS

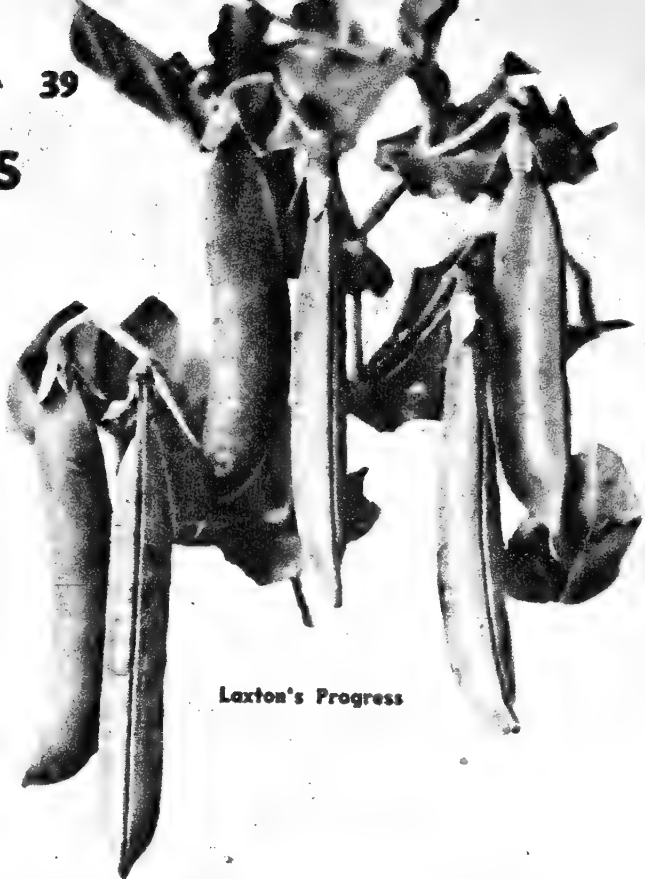
FREEZONIAN PEA. All American Bronze Medal Winner for 1948. An early, hardy garden and freezing variety, wilt resistant, 30 inches tall, of Thomas Laxton type. The plump broad pods contain from 7 to 8 deep green peas. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.15; 10 lbs., \$4.20.

LITTLE GEM or PREMIUM GEM

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods $2\frac{3}{4}$ inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 27c; 1 lb., 44c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.60; 20 lbs., \$5.00; 100 lbs., \$22.00.



Little Gem



Laxton's Progress

LAXTON'S PROGRESS

The largest podded and most attractive of the early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to $4\frac{1}{2}$ inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.70; 10 lbs., \$3.20; 20 lbs., \$6.20; 100 lbs., \$28.00.

MAIN CROP VARIETIES

BLISS EVERBEARING. Prolific and bearing over a very long period. It grows to a height of $2\frac{1}{2}$ feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 28c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.80; 20 lbs., \$5.40; 100 lbs., \$24.00.

ALDERMAN. Dark Podded Telephone. The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.70; 10 lbs., \$3.20; 20 lbs., \$6.20; 100 lbs., \$28.00.

LINCOLN. Known in Canada as Homesteader. A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from $3\frac{1}{4}$ to $3\frac{3}{4}$ inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. $\frac{1}{4}$ lb., 17c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.70; 10 lbs., \$3.20; 20 lbs., \$6.20; 100 lbs., \$28.00.

DWARF TELEPHONE or DAISY. A fine home and garden sort with vines growing 28 inches tall. The dark green pods are 5 to 6 inches long and contain from 7 to 9 peas. The flavor and quality are excellent. $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 29c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.70; 10 lbs., \$3.20; 20 lbs., \$6.20; 100 lbs., \$28.00. Bliss Everbearing →

EDIBLE PODDED DWARF GRAY SUGAR

Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 29c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.





Early Carmine

RADISHES *Crisp and Spicy*

Culture. For early use the seed may be sown in hot-bed. For open ground culture, sow in the Spring as soon as the ground can be worked in drills 10 to 12 inches apart. Sow every two weeks for a succession.

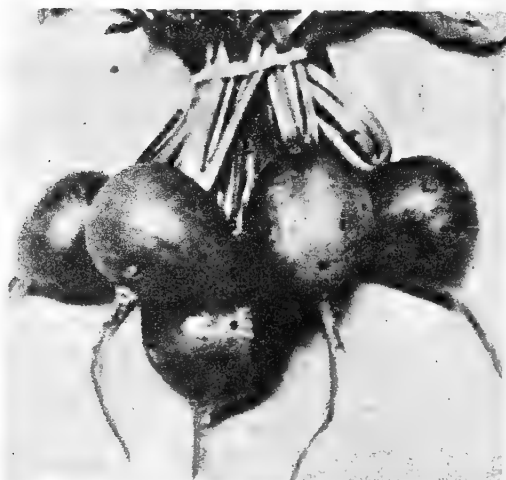
EARLY CARMINE

A reliable, extra early, medium topped sort.

Bright carmine, almost round, the roots are crisp and mild, and last well for an early sort. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.10, postpaid.

CAVALIER

Regarded by some as the best short top Scarlet Globe Radish. Oblong globe shaped, brilliant scarlet, the white flesh is crisp and mild. An excellent variety for all purposes. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 43c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.20, postpaid.



Saxa

ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.30, postpaid.

GIANT BUTTER

Largest of the early deep red

Radishes, it will reach a weight of 3 $\frac{1}{2}$ ounces without becoming pithy. It retains its crispness and mild flavor longer than any other sort in our trials. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.30, postpaid.



Giant Butter

SAXA

The Earliest Radish. The round, bright, scarlet roots are

LONG SCARLET SHORT TOP

A home garden favorite, the smooth tapering roots are from 4 to 5 inches long, $\frac{3}{4}$ inch thick at the shoulder, smooth, dark red, with crisp white flesh. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 43c; $\frac{1}{2}$ lb., 70c; lb. \$1.20.



Crimson Giant

WHITE STRASBURG

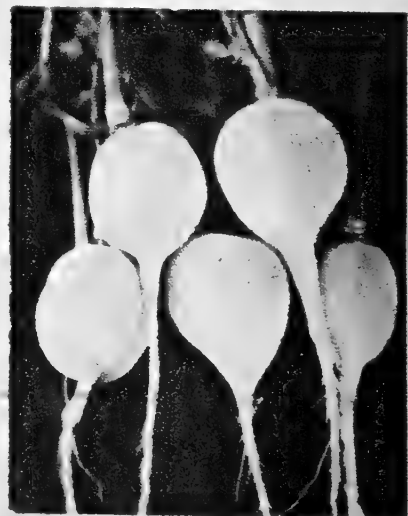
One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.30, postpaid.

CRIMSON GIANT GLOBE

An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 43c; $\frac{1}{2}$ lb., 70c; lb., \$1.20, postpaid.

MODEL BOX

This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.30, postpaid.



Model Box

Mrs. Ada E. Vaughn
La Porte City, Iowa.

Have planted your seeds for 35 years or more. Always pleased with them.

RADISHES *from* *Spring to Winter*



Sparkler

Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.

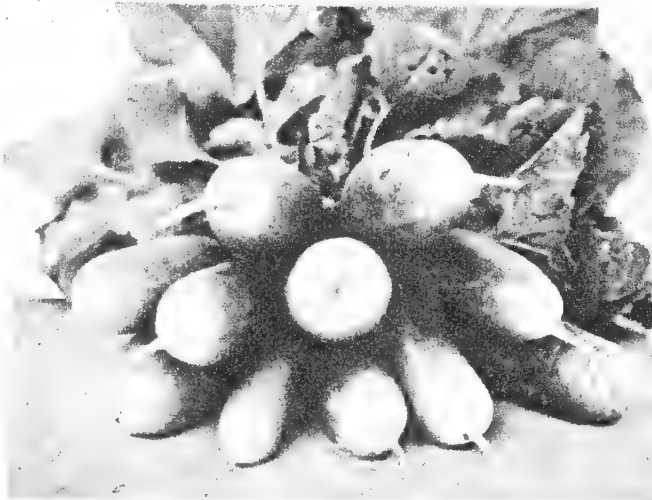
CHINA ROSE WINTER

One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 85c; lb., \$1.50, postpaid.

BLACK SPANISH WINTER

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 85c; lb., \$1.50, postpaid.

SPARKLER



French Breakfast

FRENCH BREAKFAST

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.

WHITE ICICLE

Sometimes called Ladyfinger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.

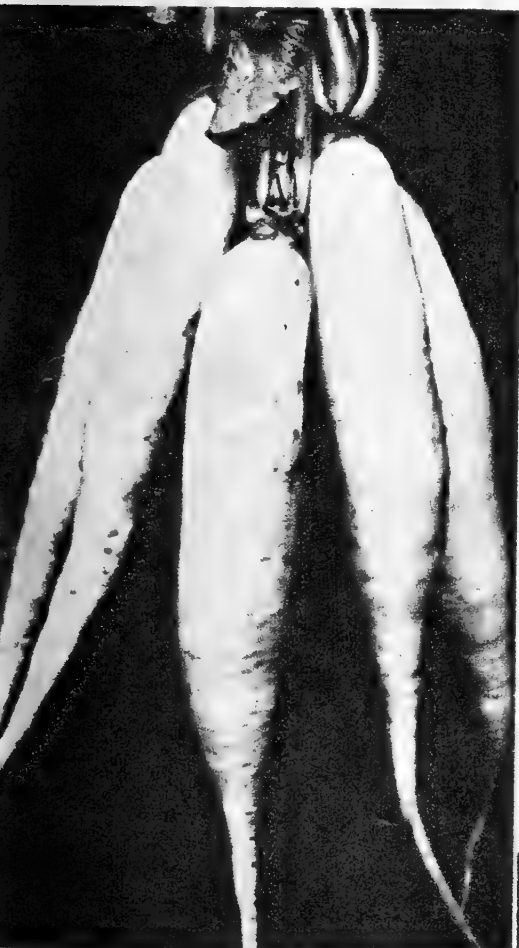
**PLAN
SUCCESSIVE
SOWINGS**

EARLY SCARLET GLOBE-BEAUTY.

A short topped sort, very uniform, bright scarlet, olive shaped and one of the very best early market radishes. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.



Early Scarlet Globe



White Icicle

J. S. Bolys
1724 West Woodbine Ave.
Kirkwood 22, Mo.

For 14 years I bought seed from you in North Dakota, now would like to try some of your seed in Missouri.

A GOOD GARDEN ALWAYS PAYS



Bloomsdale Spinach

The standard extra early Spinach for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

KING OF DENMARK. This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.

NEW ZEALAND. Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.90, postpaid.

PEANUTS

SPANISH. Earliest Variety Grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 12c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; postpaid. Not prepaid, 5 lbs., \$2.00.

SPINACH

CULTURE: Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row.

NOBEL—GIANT THICK LEAVED. All American Silver Medal Winner. A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and very heavy yielding variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.

BLOOMSDALE or SAVOY LEAVED.



New Zealand

SALSIFY or OYSTER PLANT

CULTURE: Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

MAMMOTH SANDWICH ISLAND. This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; ½ lb., \$2.10; 1 lb., \$3.75, postpaid.



Salsify

SQUASH

RED LODGE MARROW. This Marrow or Coozelle Squash comes to us from the Italian settlement at Red Lodge, Mont. Originally from Italy, it is of high quality, exceptionally early and tremendously prolific. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

DAKOTA. Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, of fair quality, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 10c; oz., 20c.

EARLY MANDAN SQUASH. The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

GIANT SUMMER CROOKNECK. A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 7c; oz., 16c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.45, postpaid.

MAMMOTH WHITE BUSH. Cympling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 7c; oz., 16c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.45, postpaid.



Table Queen

TABLE QUEEN—DES MOINES or ACORN.

The Individual Squash. A small, very productive, acorn-shaped variety, averaging 1½ pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

ITALIAN MARROW—When 4 to 6 inches long, slice and fry or bake.

GREEN COCOZELLE. Dark green with lighter green stripes. The fine flavored flesh is greenish white. Pkt., 10c; oz., 20c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.

BLACK ZUCCHINI. Blackish green skin with white flesh. A few days earlier than the Cocozelle. Pkt., 10c; oz., 20c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.

Early and Hardy Varieties Will's Winter Squashes

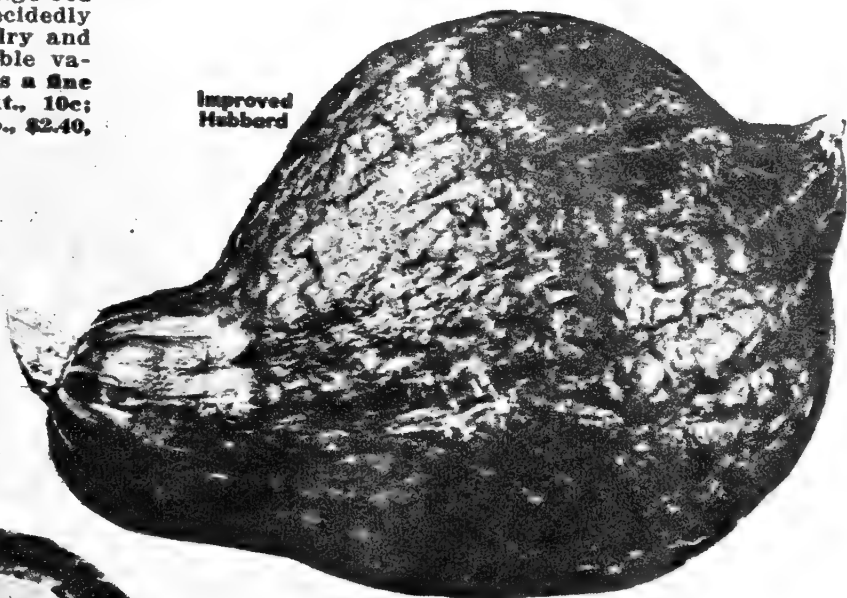
Culture: One ounce to 15 hills. Plant at same time as cucumbers and melons, in hills 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash.



RED or GOLDEN HUBBARD. Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 10c; oz., 23c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.40, postpaid.

IMPROVED HUBBARD.

The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.



Improved
Hubbard

Buttercup
Squash



BUTTERCUP. Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the thick, rich orange flesh has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. A fine squash and our seed is the best obtainable. Pkt., 10c; oz., 23c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.75, postpaid.

ARIKARA. If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 10c; oz., 21c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.40, postpaid.

BUTTERNUT. About a foot long, bottle shaped, 4 to 5 inches at greatest diameter. The seeds are contained in a small cavity in the large end of the Squash. The fine textured, orange flesh is very sweet and fine flavored. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.



Banquet Squash

WILL'S BANQUET. A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. Pkt., 10c; oz., 23c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.75, postpaid.

I bought seeds from you for many years and am more than pleased. Last year I had more tomatoes than I could use.

*Mrs. Joe Kukrall
Loyalton, S. Dak.*

**Your 1948 Garden
Will Pay Big Dividends
with Will's Seeds**

Arikara



Culture. Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way.

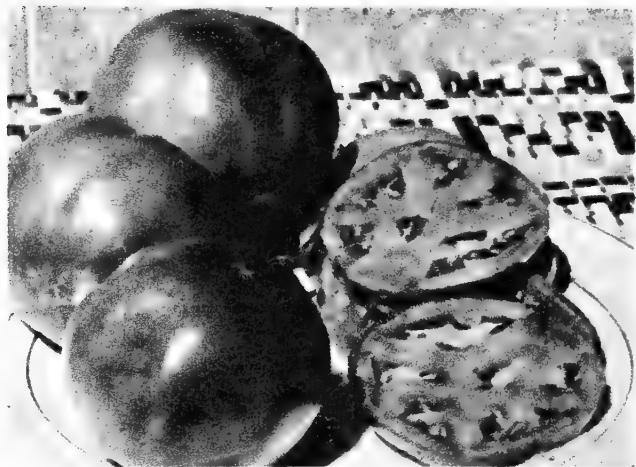
Will's Early



Victor

SIOUX. An early, meaty, red Tomato developed in Nebraska. It has outyielded all others in South Dakota trials. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.45, postpaid.

NEW HAMPSHIRE VICTOR. Developed by Dr. A. F. Yeager at the University of New Hampshire. A cross of Allred and Marglobe, perhaps 2 or 3 days later than the original Victor, but an improvement in several respects, particularly disease resistance. Pkt., 15c; $\frac{1}{2}$ oz., 60c, postpaid.



Earliana

EARLIANA. (Standard Strain). One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid and produced in clusters in the center of the plant. The color is bright scarlet. Certified seed. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.00, postpaid.

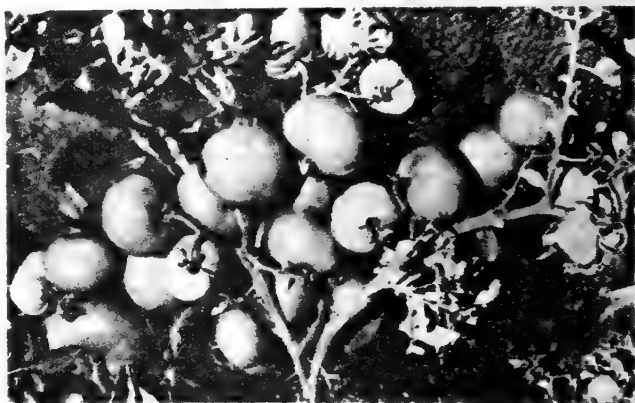
Tomato Plants
Listed on Page 58

WONDERBERRY—GARDEN HUCKLEBERRY Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 65c.

VICTOR

All America Bronze Medal Winner. A fine contribution by Dr. A. F. Yeager to Tomato Progress. Brought out at the Michigan State College. This is a cross between Allred and Break O'Day. The somewhat flattened fruits are a desirable red in color, very flashy and resist cracking. Market quality is very high and culls few. If you want earliness, high quality and yield, try Victor. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.45, postpaid.

VALIANT. An early, heavy yielding, large fruited, deep globular red sort, a few days later than Earliana which it is replacing in many sections. It continues to yield heavily through the season. Certified seed. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.45, postpaid.



Firesteel

FIRESTEEL. An early variety that has proven very productive under adverse conditions. The fruit is large, smooth and uniformly globe shaped, scarlet red in color and remarkably free from stem end cracking. This is one of the two or three best sorts for our section. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.45, postpaid.

ORANGE KING. A midseason bright orange Tomato developed by Dr. A. F. Yeager, of the University of New Hampshire. A heavy yielder, the fruits are a little larger than those of Victor. The interior color is also a bright orange, much more attractive than ordinary yellow Tomatoes, and the juice is much the color of orange juice. Tests indicate a higher vitamin content than that of red varieties. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00, postpaid.

JOHN BAER. Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 10c; oz., 70c; $\frac{1}{4}$ lb., \$2.00, postpaid.

MARGLOBE. An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 10c; oz., 65c; $\frac{1}{4}$ lb., \$1.80, postpaid.

Hardy Tomatoes

BISON

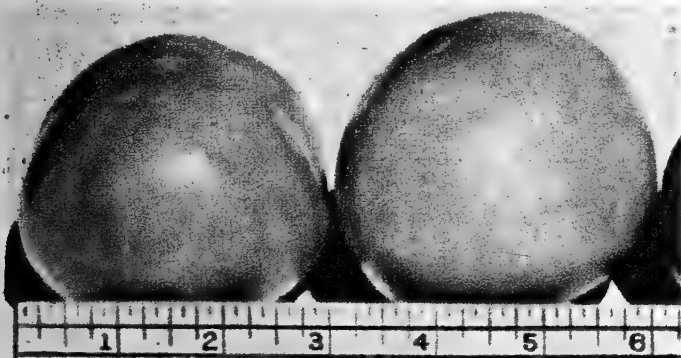
The first of Dr. A. F. Yeager's self pruning or determinate Tomatoes and probably his hardest. The solid, meaty, medium sized, red Tomatoes are of good quality and mildly acid. Because of its hardness, this older variety is a standby. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25, postpaid.

Tomatoes
The Most
Profitable
Garden
Crop
for a
small
area.



Chatham (Some foliage cut away)

BOUNTY or N. D. No. 40. This is a first cousin to Victor and has outyielded it in some tests. Very similar in appearance. Postpaid, pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25, postpaid.



Bounty

For Paper Pots and Bands See Page 21

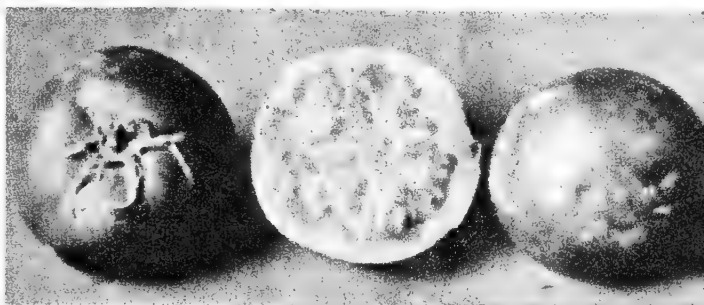
BONNY BEST. A popular second early sort, fine for both home and market garden. The good sized, bright scarlet Tomatoes are flattened globe shape and of very fine quality. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$1.90, postpaid.

Late Potato Blight plays hob with Tomatoes. Spray weekly with Bordeaux beginning about July 15, or dust with Tomato Dust. See Page 79.



Bison

CHATHAM. The longer we grow Chatham, the better we like it. Developed from crosses made by Dr. A. F. Yeager, by the Upper Peninsular Experiment Station, Chatham, Michigan, for home gardens in areas of short growing seasons. The plant is determinate; the fruits are good sized—the largest of any extra early variety, all over ripening, of high quality, smooth uniform shape and good color. Can be sown in open ground with good results, with of course earlier Tomatoes if started indoors. Certified seed. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 80c; $\frac{1}{4}$ lb., \$2.45, postpaid.



Red River

RED RIVER One of the earliest and most solid, meaty early sorts we have ever seen, Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.25; 1 lb., \$8.00, postpaid.

For Small Fruited Tomatoes See Next Page (46)

WINDOW BOX. Extra Early. Distinctly a novelty—the plants are 18 to 22 inches across and yield heavily of small, meaty, few seeded, high quality Tomatoes. This is another of Dr. A. F. Yeager's productions. Pkt., 15c; $\frac{1}{2}$ oz., 60c; oz., \$1.00, postpaid.

Alvin Wiersba
Route No. 2
West Chicago, Ill.
The Chatham Tomatoes I bought from you last Spring were very fine. Early and excellent flavor.



Strawberry or Ground Cherry

Small Fruited Tomatoes

FARGO YELLOW PEAR. Extra early, heavy yielding determinate plants. The yellow fruits are pear shaped, attractive and fine flavored. Pkt., 15c; ½ oz., 55c; oz., \$1.00, postpaid.

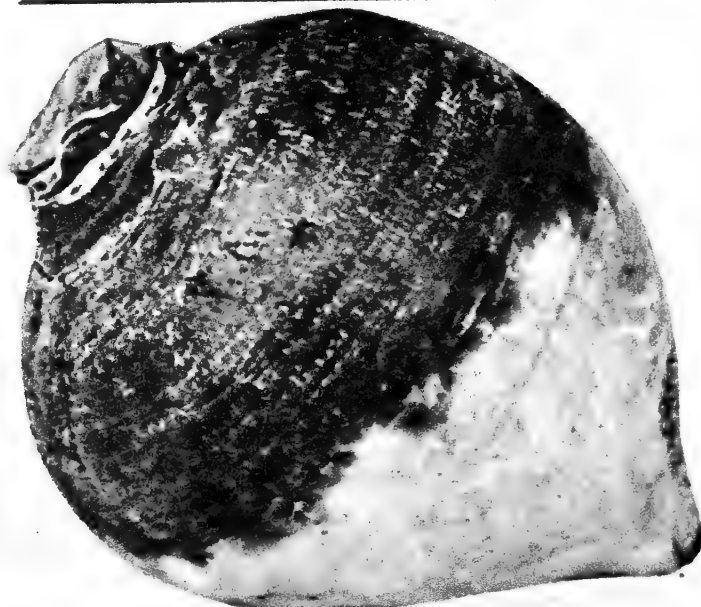
YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c; ½ oz., 40c; oz., 75c, postpaid.

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; ½ oz., 40c; oz., 75c, postpaid.

GROUND CHERRY, HUSK or STRAWBERRY TOMATO. Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paper-like husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c; ½ oz., 40c; oz., 75c, postpaid.

Will's Rutabagas

CULTURE: Sow latter half of June or first of July. Plant about ½ in. deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; 1 ½ lbs. an acre of drill, and 2 ½ lbs. an acre broadcast. About 1,900 seeds to the packet.



Improved Rutabaga

PAJBJERG BANGHOLM. The roots are purple - topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.15; 1 lb., \$2.10, postpaid.

IMPROVED AMERICAN PURPLE

TOP YELLOW. The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

EARLY NECKLESS—LAURENTIAN. A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

WHITE SWEET PERFECTION. This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.15; 1 lb., \$2.10, postpaid.



Purple Top White Globe Turnip

CULTURE: Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

Turnips

PURPLE TOP STRAPLEAF. Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 70c, postpaid.

EARLY WHITE MILAN. The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender

and sweet. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.20; 1 lb., \$2.20, postpaid.

PURPLE TOP WHITE GLOBE. The most popular variety for general use. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

WHITE EGG. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.60, postpaid.

GOLDEN BALL. The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

Mrs. Merrill Natrass
Shevlin, Minn.

Merrill says his grandfather always ordered his seed from you folks and said it was the best to be found. Merrill's folks are from Rolla, Rolette County, N. Dak.

PIONEER HYBRID SEED CORN

Wills Pioneer Hybrids Are Bred & Grown for Gt. Plains Conditions

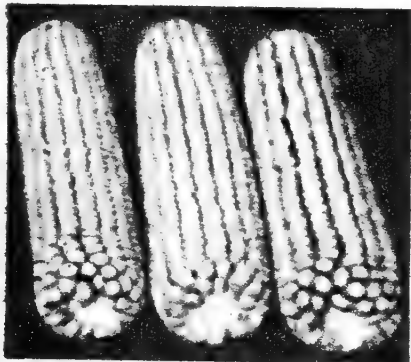
We are the only commercial Seed House in the North that has conducted a long continued project of Corn in-breeding and crossing with special reference to Northern Plains conditions.

We are offering this year several Hybrids, particularly adapted to the Northern Plains and Midland country. It is too bad that the real value of adapted hybrids has been obscured by the promiscuous selling of hybrids in no way adapted to the territory by gullible or irresponsible dealers who did not know what hybrid meant and often did not care.

We offer some of our own hybrids, products of ten to twenty years of breeding and testing. We know that they will outyield similar types of common seed corn, stand up better and be easier to pick.

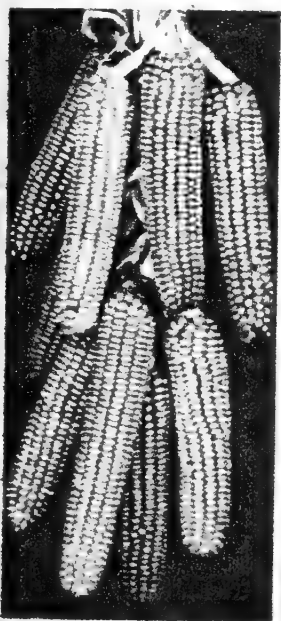
We offer also early yellow dent hybrids from the corn breeding department at the State Experiment Station or other extra early types.

Try hybrids bred for the Northern Plains and you will be surprised and delighted by the results.



Hybrid 301

From the N. Dakota
Experiment Station



Hybrid D



One of Our Hybrid Fields at Bismarck

HYBRIDS WITH FALCONER BLOOD

HYBRID "K." 80 days. Similar to "D" but with one parent from Nodak 301.

HYBRID "D." 80 days. This is a cross between Alta Dent and Falconer inbreds. Early as Falconer, heavy yielding, stands better.

PIONEER HYBRID "N." 85 days. Combines the yellow dent qualities of an outstanding yellow dent single cross with the hardiness, earliness, drought and cold resistance of two outstanding Falconer inbreds. A large-eared yellow semi-dent that grows straight and tall and yields very heavily.

PIONEER HYBRID "A." (See inside front cover.) 80 days. This is a cross from four inbred Falconer strains. The result is a uniform Falconer type corn, somewhat more upright, easier to pick and better yielding.

DENT HYBRIDS

PIONEER HYBRID "J." 85 days. A fine pure yellow Dent with extraordinary wind and storm resistance. Tall, ears high, a heavy yielder. A combination with a Nodak single cross.

NODAK HYBRID No. 301. 85 days. Somewhat earlier than No. 201 and a little sturdier. We have found it to do somewhat better under our local conditions. A beautiful appearing yellow dent.

Prices of Hybrids—Large and Medium flat. Postpaid, lb., 50c; F.O.B. here, 7 lbs. (enough for 1 acre), \$1.75; ½ bu., \$6.50; bu. \$12.00.

Large and Medium round. F.O.B. here, 7 lbs., \$1.40; ½ bu., \$4.75; bu., \$8.00.

PLANT HYBRIDS BRED FOR THE NORTHERN PLAINS.

FEEDING CORN IN THE NORTHERN PLAINS

Corn is grown for feed. The corn that produces the most in both ears and stalks is the cheapest to feed. It costs money to pick corn—hogs, cattle and sheep pick for nothing. Feeding corn in the field is the most economical way to handle.

For feeding in the field the highest yields always come from flint corn, flour corn and semi-dents.

FLINT CORN

WILL'S GEHU YELLOW FLINT

Seventy-five Day Corn

The best known of our native early flints. We have shipped it to every continent. It has been carefully bred by us for years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and

hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 18 inches from the ground. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.40; ½ bu., \$3.75; bu., \$7.00.

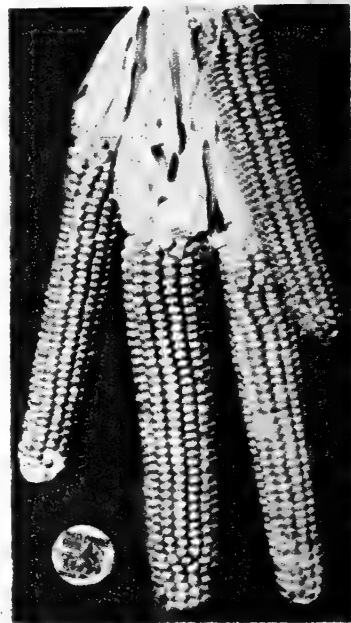
DAKOTA WHITE FLINT**Seventy Day Corn**

The first variety produced by Oscar H. Will in the early eighties. A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and

a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3½ to 5½ ft. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.40; ½ bu., \$3.75; bu., \$7.00.



Dakota White Flint



Gehu Flint

MERCER FLINT**Ninety Day Corn**

A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange-yellow. A second early sort that does not always mature in short seasons. Fine to feed in the bundle as well as for silage. We have an extra good acclimated strain. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.40; ½ bu., \$3.50; bu., \$7.00



Dakota Squaw Corn

BURLEIGH CO. MIXED or DAKOTA SQUAW CORN**Seventy Day Corn**

Hardy—Early—Heavy Yielding. This is a mixed form of the early flint and is the first variety listed by us after our business was started. It is very resistant to both drought and frost, and fully as heavy a yielder as any variety of early flint. It is of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.45; ½ bu., \$4.00; bu., \$7.50.

ASSINIBOINE FLINT CORN**Sixty Day Corn**

From the Canadian Indians—Earliest Type of Corn Grown. Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. Lb., 40c, postpaid. F.O.B. here; 10 lbs., \$1.50; ½ bu., \$4.00; bu., \$7.25.

Flints are the surest of all varieties in a short, cool season or a hot, dry one.



Assiniboine Flint

A CORN HANDBOOK FOR THE NORTHWEST

Corn Varieties, Corn Planting, Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely, it can be used as a textbook in agricultural classes. Price, 50c. Postpaid, 60c.

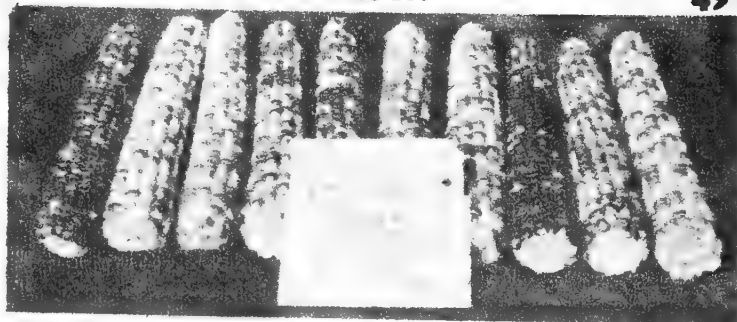
RAINBOW FLINT FOR THE SILO

Drouth Resistant—A Tremendous Yielder

We have two strains. The Great Plains Strain was developed at the U. S. Great Plains Station at Mandan, is earlier and better adapted to Great Plains conditions.

The South Dakota Strain is somewhat taller and later.

We have stocks of both but we are not sure which strain we may be able to supply when an order comes in and will fill orders with what we have on hand. Lb., 35c, postpaid. F.O.B. here: 10 lbs., \$1.35; ½ bu., \$3.60; bu., \$7.00.



FALCONER SEED CORN

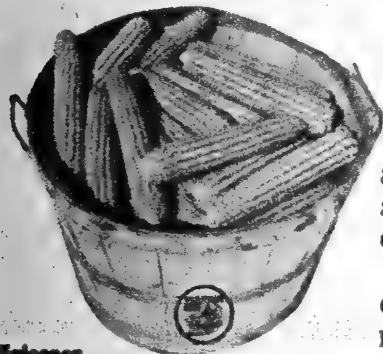
Oscar H. Will & Co. Strain—Highest Yielding Corn for the Northwest

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including many hybrids.

The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co.

Lb., 35c, postpaid. F.O.B. here, 10 lbs., \$1.35; ½ bu., \$3.60; bu., \$7.00.



Falconer

WILL'S ORIGINAL NORTHWESTERN DENT

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest.

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drouth resistance. It ripens in 80 to 85 days. Lb., postpaid, 35c. F.O.B. here, 10 lbs., \$1.35; ½ bu., \$3.60; bu., \$7.00.

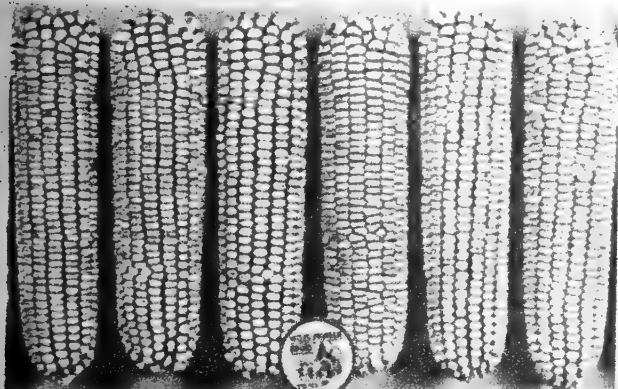


Northwestern Dent

RUSTLER—90 day CRIMMINS STRAIN

This especially adapted strain of the rather late Rustler for central and western North Dakota has been bred by Mr. D. C. Crimmins. He is a corn breeder of note, winner of many premiums at the State Corn Show, and in this strain of Rustler has given us a very valuable corn. Lb., 35c, postpaid. F.O.B. here: 10 lbs., \$1.35; ½ bu., \$3.50; bu., \$6.75.

RED STAR. We believe that we have an outstanding new variety here. A cross of Falconer, Alta Yellow Dent and Siberian Flint. The latter is very early but does not go down after ripening and carries its ears high on the stalk. This is an 80 day Corn. A very heavy yielder and ear and stalk resemble the Siberian parent. Lb., postpaid, 40c. F.O.B. here, 10 lbs., \$1.40; ½ bu., \$4.00; bu., \$7.25.



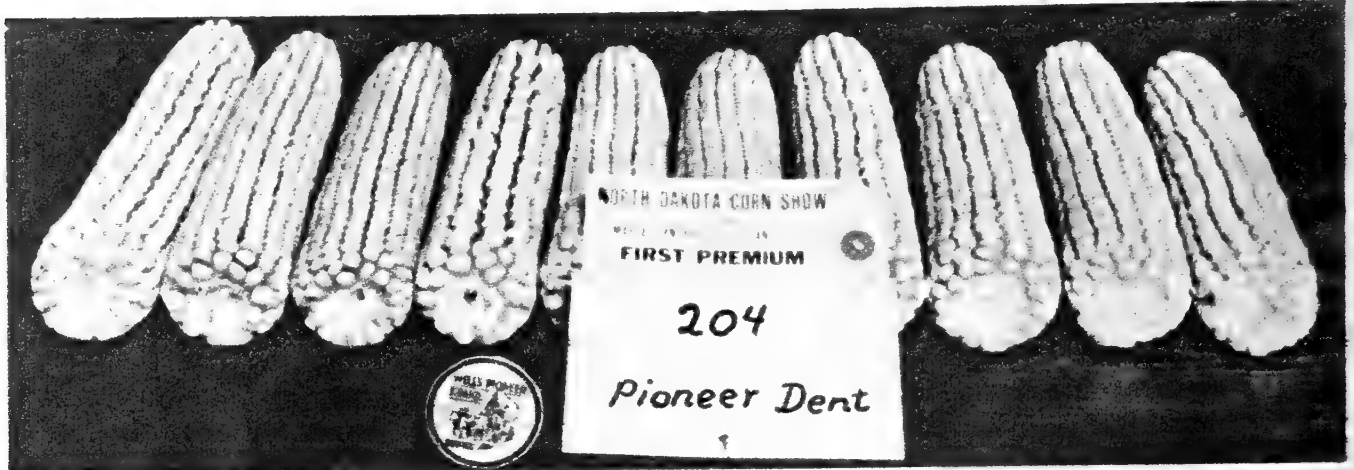
Crimmins Rustler

EARLY TYPE MINNESOTA 13

We offer a type of Minn. 13 with 85 to 90 days' maturity, adapted to Great Plains conditions. Minnesota 13 is the standard main crop yellow dent in all the more favorable sections of the Great Plains. Postpaid, lb., 35c. F.O.B. here, 10 lbs., \$1.40; $\frac{1}{2}$ bu., \$3.75; bu., \$7.00.



Minnesota 13



Pioneer White Dent

PIONEER WHITE DENT

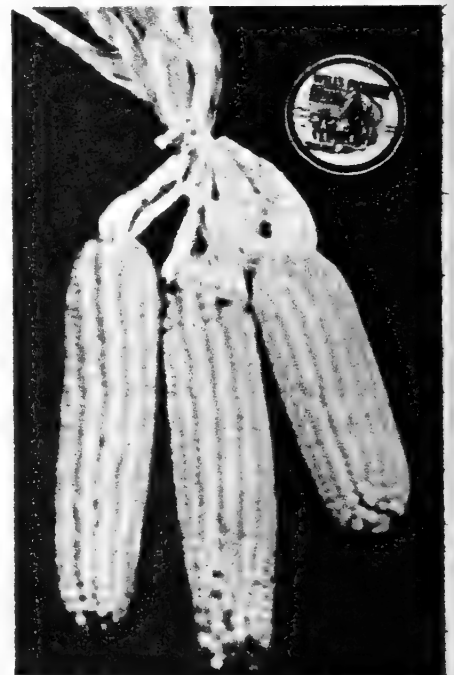
85 Day

The earliest and hardiest White Dent in cultivation. Also the most drouth resistant dent that can be grown. Easy to pick, even in maturing.

Ears average 6 to 8 inches long, nearly cylindrical, 14 to 16 rows, white with occasional pink shading. Stalks 5 to 7 ft., ears 2 ft. up. Lb., 35c, postpaid. F.O.B. here: 10 lbs., \$1.40; $\frac{1}{2}$ bu., \$3.75; bu., \$7.00.

SQUARE DEAL DENT. Probably the earliest pure yellow dent. Bred by Oscar H. Will forty years ago for Great Plains conditions. Deep kernels and proportion of shelled corn is very high. Ears 2 to 3 ft. high on the stalk and are very easily picked with a mechanical picker. Lb., postpaid, 40c; F.O.B. here: 10 lbs. \$1.40; $\frac{1}{2}$ bu., \$3.75; bu., \$7.00.

Acme Fodder Corn



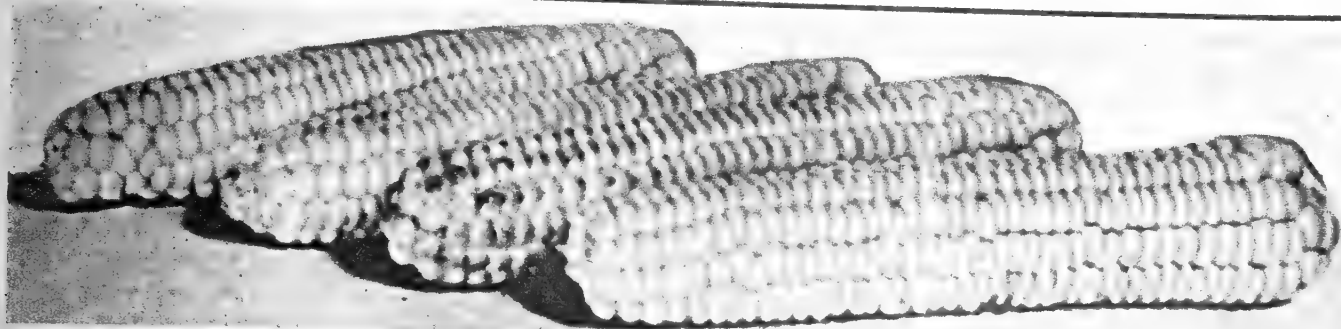
Square Deal Dent

ACME FODDER CORN. Mixed Dent of Great Plains Types. Almost perfect as a silage corn.

This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the natural earliness of its components. Easily handled with a binder. Lb., 30c; postpaid. F.O.B. here: 10 lbs., \$1.25; $\frac{1}{2}$ bu., \$3.00; bu., \$5.00.

FLOUR CORN

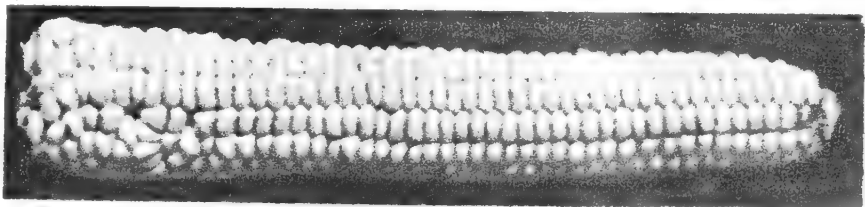
Best of all corn for feeding off in the field. Bushy and leafy. Very drouth resistant. High yielding. Early. Never gets hard so that stock has difficulty in grinding it with the teeth.



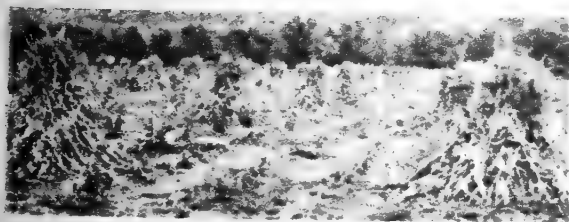
Mandan White Flour

MANDAN WHITE FLOUR. Earliest of the Flour Corns. Matures in 75 days. Many ears to the hill. Ready to turn stock in by August 10th most years. Postpaid, 1 lb., 35c, F.O.B. here; 10 lbs., \$1.40; $\frac{1}{2}$ bu., \$3.75; bu., \$7.00.

PRIDE OF THE PLAINS. An 85-day White Flour Corn. Grows taller and has larger ears. Very prolific. In conjunction with the Mandan White Flour it offers an extremely long season for field feeding. A cross between Mandan and Navajo Flour Corn. Postpaid, 1 lb., 35c, F.O.B. here; 10 lbs., \$1.40; $\frac{1}{2}$ bu., \$3.75; bu., \$7.00.



Pride of the Plains



4X FODDER CORN

4X FODDER CORN—Southern Grown, Tall, Leafy

The 4X is, we consider, the very best procurable fodder corn for Northwestern conditions. We get this grown just far enough south so that maximum quantity of fodder is produced and at the same time the stocks come near enough to maturity so that they are **not all water**. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; $2\frac{1}{2}$ bu. if broadcasted. F.O.B. here; $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its **sugar content is so high** it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Lb., 30c, postpaid. F.O.B. here; 10 lbs., \$2.00; larger lots @ 17c per lb.

UNUSUAL CORN VARIETIES FOR EXPERIMENT AND TRIAL

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 50c; F.O.B. Bismarck, 5 lbs., \$1.00.

YELLOW FLOUR-RUSSIAN CROSS. Early, bushy, cold resistant.

MANDAN YELLOW FLOUR. Preferred by the Indians for roasting ears over sweet corn.

HUBBARD-SUNSHINE SWEET. A mid-season sweet corn with large ears and very high quality.

RED RUSSIAN SWEET. An early red sweet corn from Russia.

YELLOW POPCORN. Earliest strain of the large yellow popcorn from Iowa.

BANANA CREAM-ASSINIBOINE. A large early and very hardy sweet corn containing blood of an early yellow flour corn.

RUSSIAN EARLY FLINT. A small yellow flint from a Russian Experiment Station.

BARR SQUAW POPCORN. Very attractive in appearance and an excellent popper.

MANDAN BLACK. A very dark, early flour corn.

NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request. Write for prices on large lots.

NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

SEED BARLEY

WISCONSIN NO. 38. A heavy yielding 6 row malted barley with smooth beards. F. O. B. here, $\frac{1}{2}$ bu., \$1.75; bu., \$3.00.

SPARTON. A 2 row feed barley which has out-yielded other sorts in many parts of the Great Plains, very plump grain with stiff straw. F. O. B. here, $\frac{1}{2}$ bu., \$1.40; bu., \$2.75.

TREGAL. This new variety from the N. D. Experiment Station is a smooth awned cross from the Trebl, a heavy yielder it is valuable mainly as a feed variety but with malting possibilities. F. O. B. here, $\frac{1}{2}$ bu., \$1.40; bu., \$2.75.

PLUSH. A Canadian barley of high quality, a heavy yielder with very stiff straw. Lb., postpaid, 25c; F. O. B. here, $\frac{1}{2}$ bu., \$1.50; bu., \$2.75.

KINDRED or 'L'. A malting barley, high yielding and of good quality. A new N. D. variety. Lb., postpaid, 25c; F. O. B. here, $\frac{1}{2}$ bu., \$1.75; bu., \$3.00.

SPELTZ OR EMMER

SEED SPELTZ or EMMER. This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. F. O. B. Bismarck, bu. (40 lbs.), \$1.70; 100 lbs., \$4.00.

SEED FLAX

Write for Flax Prices

KOTO. Resistant to pasmo and moderately resistant to rust, very wilt resistant. Originated at the Mandan Field Sta. Blue flowers, brown seeds, early.

No. 5128. Large brown seed, blue flower. Very late, very resistant to rust and wilt. Very high yielding. Tall and stout. Sow early.

ROYAL. A wilt and rust resisting variety of high yielding ability, from Canada. Tall, blue flower, brown seed.

WALSH FLAX. Larger seed than Bison. Large boll, very strong straw. Resistant to wind and hoppers.

DAKOTA. The newest of the varieties to come from the North Dakota Experiment Station. Brown seed, blue flower, early maturing, resistant to wilt and rust.

SHEYENNE. Another new rust and pasmo resistant sort. Large and sturdy. Blue flowers and brown seed. Medium tall. Early maturing.

PIONEER BRAND FIELD PEAS

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 100 lbs., \$8.00.

WHITE MARROWPAT. Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. F. O. B. Bismarck, 10 lbs., \$1.00; 100 lbs., \$8.00.

PIONEER BRAND BUCKWHEAT

Sow $\frac{1}{4}$ to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. F. O. B. Bismarck, 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.50.

SEED OATS

MARION. A product of the Iowa Ex. Sta.; medium early, high yielding white oat, resistant to stem rust and partially to leaf rust. Also resistant to the new and serious blight disease. F. O. B. here, $\frac{1}{2}$ bu., \$1.00; bu., \$1.75.

AJAX. A new Canadian oat which we shall be able to supply. A medium early white variety with good resistance to stem rust and some resistance to leaf rust. F. O. B. here: $\frac{1}{2}$ bu., \$1.00; bu., \$1.75.

VICLAND. This oat from the Iowa Experiment Sta. is a rather short, early yellow oat, strong stemmed, heavy yielding, resistant to loose and covered smut, leaf rust and some forms of stem rust. F. O. B. here, $\frac{1}{2}$ bu., \$1.00; bu., \$1.75.

GOPHER. Developed from the Kherson type. Very early and at the same time very heavy yielding. Not rust resistant but it is resistant to the new blight. A product of the Minnesota Experiment Station. F. O. B. Bismarck, $\frac{1}{2}$ bu., \$1.00; bu., \$1.70.

BENTON. The new helminthosporium disease resistant oat from the corn belt. High yielding and sturdy. Write for prices.

SEED WHEAT

MIDA. A new highly disease resistant spring wheat from the N. D. Exper. Sta. High yielding, strong and sturdy. F. O. B. here, $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

PILOT-13. A new very rust resistant, non-shattering variety which has done very well in our territory. Postpaid, 1 lb., 25c. F. O. B. here, $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

REGENT. A new resistant wheat from Canada. A beardless wheat, slightly taller than Thatcher, matures about the same time. Resistant to both leaf and stem rust. Good yielder, equal to Thatcher in milling and baking test. F. O. B. here, $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

VESTA. A relative of Rival from the N. D. Station. A grand combine wheat, as it stands for weeks without shattering. May be planted very late and will still make a good crop. F. O. B. here, $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

RED DURUM. The rust-proof, heavy yielding durum that is used entirely for feed. F. O. B. here, $\frac{1}{2}$ bu., \$2.00; bu., \$3.50.

STEWART. A new resistant, high yielding durum from the N. D. Experiment Sta. Postpaid, 1 lb., 25c; F. O. B. here, $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

CADET. A new rust resistant beardless spring wheat. A late sort adapted to the northern counties. Introduced by the North Dakota Agricultural College. Suitable for straight combining. Postpaid, 1 lb., 25c. F. O. B. here, $\frac{1}{2}$ bu., \$2.25; bu., \$4.25.

RESCUE. The only variety resistant to saw fly. Postpaid, 1 lb., 35c; $\frac{1}{2}$ bu., \$3.50; bu., \$6.75.

RYE

NORTH DAKOTA SPRING SEED RYE. First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. F. O. B. Bismarck, $\frac{1}{2}$ bu., \$2.25; bu., \$4.00.

PROLIFIC SPRING RYE. This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. F. O. B. Bismarck. Write for prices.

IMPERIAL WINTER RYE. A new rye from Wisconsin. Write for prices.

We shall be glad to quote on certified seeds of all grains when available.

Grass, Clover and Alfalfa Prices Subject to Change Without Notice—Sacks Included in Prices

WILL'S PIONEER BRAND GRASS SEED

DIRECTIONS FOR MAKING LAWNS

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible, water thoroughly at once.

Good loam soil is best; for the finest lawn black dirt may be spread several inches thick but a good turf of the harder varieties does not require it.

Our Emerald Mixture should be used for the best lawns where water is available.

Red Top is adapted to shady spots.

For a little harder conditions but where some watering is possible, use our Dakota Mixture.

For a good looking dry land lawn, farm yard or large public grounds use Buffalo Grass Stolons or Fairway Crested Wheat Grass.

Do not permit the watered lawn to dry out at all until the grass is well up.

Fertilize from year to year as indicated by the condition of the lawn. We recommend Vigoro.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.

WILL'S EMERALD LAWN MIXTURE

Registered U. S. Patent Office.

We include no white clover but can supply it to those desiring it at prices shown.

The Emerald Mixture has been planted in North Dakota and the Northwest for 60 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitute for it. Postpaid, 1 lb. 65c; F. O. B. here, 5 lbs., \$3.00; larger lots @ 50c.

WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house; also useful for street, boulevards and large public building grounds. Made up of coarser and harder grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb. 60c; F. O. B. here, 5 lbs., \$2.50; larger lots @ 45c.

KENTUCKY BLUE GRASS

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. Postpaid, 1 lb., 55c; F. O. B. here, 5 lbs., \$2.25; larger lots @ 42c.

CREeping BENT GRASS SEED

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.10; F. O. B. here, 5 lbs., \$4.50.



Buffalo Grass Lawn



Emerald Lawn on State Capitol Grounds

RED TOP OR HERD'S GRASS

Useful in the Northwest principally for seeding shady spots, slough beds, basins, and any place where the water may stand at times. Lb., 50c, postpaid. F. O. B. here, 10 lbs., \$3.50; larger lots @ 33c.

FAIRWAY CRESTED WHEAT GRASS

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bunchy.

Also a very good hay and forage plant. Heavier yielding and leafier than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 45c. F. O. B. here, 5 lbs., \$2.10; larger lots @ 38c.

BUFFALO GRASS PLANTS

This grass is undoubtedly the most perfect lawn grass for dry conditions. It spreads by runners and produces a dense mat on the ground. We list this grass by the 100 rooted plants. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Needs practically no mowing. Plants can not be reset till new growth has started. Consequently we cannot send plants out till May or June. Per 100 plants postpaid, 65c (enough for 140 sq. ft.); 500, \$3.00; F. O. B. here, 1000, \$5.00. Plants from Theodore Roosevelt's Elkhorn ranch in the Little Missouri Bad Lands, finer and slower growing. Per 100, 75c, postpaid.

Use VIGORO on YOUR LAWN

PASTURE & HAY GRASSES

STANDARD CRESTED WHEAT GRASS. The hardiest and most drought resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. The outstanding variety for the Great Plains. Postpaid, 1 lb., 35c; F. O. B. here, 10 lbs., \$3.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

WESTERN RYE OR SLENDER WHEAT GRASS. Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the brome and hay is of better quality. Becomes sod bound quickly. Postpaid, 1 lb., 35c; F. O. B. here, 10 lbs., \$2.25; 50 lbs., \$11.00; 100 lbs., \$20.00.

BROME GRASS—BROMUS INERMIS (Austrian or Russian). Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. Postpaid, 1 lb., 35c; F. O. B. here, 10 lbs., \$3.00; 50 lbs., \$13.00; 100 lbs., \$24.00.

PIONEER BRAND TIMOTHY SEED. We offer only northern grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$7.00; 100 lbs., \$13.00.

OTHER GRASSES

MEADOW FESCUE or ENGLISH BLUE GRASS.

This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Does best in rich soil. Postpaid, 1 lb., 55c; F. O. B. here, 10 lbs., \$4.00; 50 lbs., \$19.00; 100 lbs., \$35.00.

REED CANARY GRASS, OR PHALARIS. 4 lbs. per

acre. This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. Postpaid, 1 lb., 75c; F. O. B. here, 10 lbs., \$6.50; 50 lbs., \$30.00; 100 lbs., \$55.00.

WILD RYE. We have small lots of both Russian Wild Rye and Canadian Wild Rye. The latter is clean but the awns are not well removed. Postpaid prices for both, 1 lb., \$1.00; F. O. B. here, 1 lb., 80c; 5 lbs., \$3.80. We can not supply in larger lots at present. Write about larger quantities.

GREAT PLAINS PASTURE MIXTURE. This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended at the N. D. Experiment Station. It consists of 6 lbs. crested wheat grass; 3 lbs. brome grass, 1 lb. yellow sweet clover, ½ lb. alfalfa. Seed about ten lbs. per acre. Postpaid, 1 lb., 40c; F. O. B. here, 10 lbs., \$3.00; larger lots at 27c per lb.

MIDLAND PASTURE MIXTURE. For the eastern third of our State. Seed 10 to 14 lbs. per acre. Consists of 7 lbs. bromus, 4 lbs. crested wheat grass, 2 lbs. slender wheat grass, 1 lb. yellow sweet clover, ½ lb. alfalfa. 1 lb. postpaid, 40c; 10 lbs., \$3.00; larger lots at 27c per lb.

PIONEER BRAND CLOVER SEED

ALSIKE or SWEDISH CLOVER. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. Postpaid, 1 lb., 65c; F. O. B. Bismarck, 10 lbs., \$5.25; larger lots @ 51c.

MEDIUM RED AND MAMMOTH. These are often badly mixed and we may send a mixture or substitute one for the other. Adapted only to well watered soil free from alkali. Postpaid, 1 lb., 65c; F. O. B. here, 10 lbs., \$5.75; larger lots @ 55c.

WHITE LAWN CLOVER. For those who like clover in their lawns we offer this very high quality seed. It should be mixed at the rate of 1 lb. to 5 lbs. of grass seed. May also be scattered on old lawn. Lb., postpaid, 85c. F. O. B. here, 5 lbs., \$3.75.

Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Lb., 40c, postpaid, F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$9.25; 100 lbs., \$18.00.

SWEET CLOVER

Yellow and white sweet clover may contain up to 10% of the opposite color.

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages are greater hardiness as regards a combination of cold and drouth, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.25; 100 lbs., \$17.50.

We can not quote on Hubam annual sweet clover at present, but may be able to offer some by spring.

MIXED SWEET. Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. F. O. B. here, 10 lbs., \$2.00; 100 lbs., \$17.00.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.25; 100 lbs., \$17.50.

PIONEER BRAND ALFALFA SEED

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which we offer under this head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. Lb. 62c, postpaid. F. O. B. Bismarck, 10 lbs., \$5.00; 100 lbs., \$45.00.

We shall be glad to quote upon request best prices on certified Ladak, Grimm and Cossack Alfalfa. We hope to be able to offer all of them as the season advances. Prices are subject to change. We shall be glad to send a late blue price list upon request.

FORAGE CROP SEEDS

Prices include sacks, and are subject to changes without notice.

Write for prices on large lots. Get Our Special Price List, issued at intervals after January 15th.

Hay Millets

DAKOTA-KURSK. The very best hay Millet for North Dakota yet found. A tremendous yielder of fine quality hay and a heavy seed bearer. Our seed came from the U. S. Dept. of Agriculture. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.65; 100 lbs., \$5.00.

SIBERIAN MILLET. This is the most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 75c; 50 lbs., \$3.25; 100 lbs., \$6.00.

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 95c; 50 lbs., \$4.50; 100 lbs., \$8.50.

HUNGARIAN MILLET. This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 95c; 50 lbs., \$4.50; 100 lbs., \$8.50.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil. It is better for horses than the ordinary sorts. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.10; 50 lbs., \$5.00; 100 lbs., \$9.50.

SOUTHERN GROWN GERMAN MILLET. This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 95c; 50 lbs., \$4.50; 100 lbs., \$8.50.

SUNFLOWER SEED

If you cannot buy these locally, write us

Soy Beans

Extra early sorts raised in our section.

BATO. A very early, tall and heavy yielding sort which came to us from Sweden. Our best so far. Lb., postpaid, 35c. F. O. B. here, 10 lbs., \$1.50; 50 lbs., \$7.00; 100 lbs., \$13.00.

KABOTT. A very early and prolific soybean, useful as a vegetable and field variety. Lb., postpaid, 32c. F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00.

MINNSOY. Our stock of this early sort has been grown in our state for the past several years. Early and matures safely. Postpaid: lb., 30c; F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00.

COMMON. Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.75; larger lots @ 16c lb.

SUNRISE. A new short stalked, early variety from Canada. A good yielder. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$2.00; larger lots @ 17c lb.

SHORT EARLY RUSSIAN. A very good yielder and very early. Came to us from a Russian Experiment Station. Prices same as for Sunrise.

Hog or Proso Type Millets

CROWN. A new Canadian variety of Proso Millet. In Manitoba trials it has consistently outyielded all other varieties including Turghai. It is highly recommended by the Brandon Experiment Station whence our supply was obtained. Postpaid, lb., 25c. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.

BROOM CORN or YELLOW PROSO. The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.50.

BLACK VORONESH. A late sort with black seed. A very heavy yielder in a favorable season. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.

DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.20; larger lots @ 20c.

Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June 1st. F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$6.25; 100 lbs., \$12.00.

Write for prices on Sweet Sudan

Cane

Write for prices.

EARLY AMBER. Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price lb., postpaid, 40c.

We hope to have some stock of the new Rancher sorghum. Write for prices.

LOW PRUSSIC ACID CANE. A new development from South Dakota. The dangerous poisonous quality has been almost bred out of this strain. In addition it is early and very productive. Postpaid, lb., 40c.

EARLY GRAIN SORGHUM

Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the earliest and surest, in addition it has produced nearly twice as much growth as any other extra early sorghum. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.50.

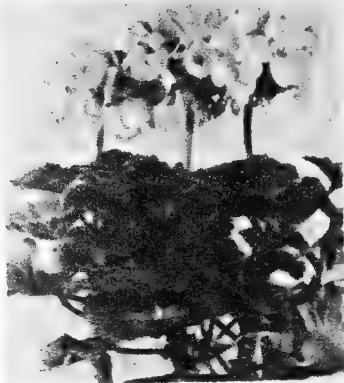
GREENHOUSE DEPARTMENT

Members of Florists Telegraph Delivery.
We wire flowers anywhere any time.

**CUT FLOWERS—PLANTS—CORSAGES—WEDDING
AND FUNERAL FLORAL ARRANGEMENTS**

The North Dakota sales tax applies on all greenhouse products except vegetable plants. All prices are subject to change without notice. We can assume no transportation risks, after shipping stock in good condition. Because of the difficulties involved in shipping perishable goods we cannot guarantee safe delivery of such goods and therefore do not advise customers beyond Zone 3 to order such items.

ON PLANT ORDERS OF LESS THAN 00c ADD 15c FOR PACKING



Rosina Geranium

GERANIUMS

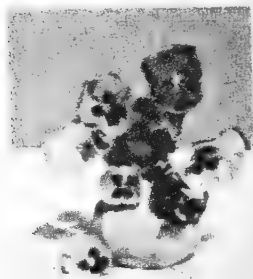
From 3" pots: Postpaid, 45c each; \$4.50 dozen.

From 4" pots: Postpaid, 55c each; \$5.50 dozen.

Better Times. One of the new low growing red geraniums. The double blooms are the bright red of the Better Times Rose, from which it gets its name.

Mme. Buchner. Reputed to be the best double white.

Rosina. A NEW VARIETY DEVELOPED AT THE MANDAN NORTHERN GREAT PLAINS FIELD STATION. The double blooms are of a salmon pink color which takes on a deeper rose shade when planted outdoors. We strongly recommend this geranium.



Jumbo Pansies

WILL'S JUMBO PANSIES

These are sturdy plants bearing mammoth blooms in a wide range of colors. Postpaid, 75c dozen; \$4.50 for 100.

DAISIES

From 3" pots: Postpaid, 45c each; \$4.50 dozen.

These are the Boston White and the Boston Yellow Daisies, twice as large as Marguerites.

ALL-DOUBLE PETUNIA

From 3" pots: Postpaid, 45c each. From 4" pots: Postpaid, 85c each. Assorted colors. Large, frilled, double blooms which bloom early and are one of the last flowers to leave us in the fall. Suitable for the window box or border.

VINES

Use vines for indoor or outdoor decoration. They are the draperies of your home.

From 3" pots: Postpaid, 60c each.

Grape Ivy. Large leaf resembling a grape leaf. Fast grower.

Hahn's Self Branching Ivy. A good plant for hanging baskets and wall vases.

Philodendron. Large heart shaped leaf. Withstands gas and rough treatment better than most vines.

From 2 1/2" pots: Postpaid, 45c each.

German Ivy. Often called Parlor Ivy. A fast bushy grower. Fine for window boxes.

Tradescantia. (Wandering Jew). Fast Grower. We have plain green, white and green; purple and green, leafed varieties.

Vinca Variegata. Green leaf edged with white. Good for porch boxes and urns.

FOLIAGE PLANTS

These are fine ornamental house plants. They are especially nice for ferneries, dish gardens and wall vases.

From 3" pots: Postpaid, 60c each.

Peperomia. Both variegated and plain green. Shiny round leaf.

Sansevieria. Snake Plant or Mother-in-law's Tongue.

Nephtytis. Arrowhead plant. Grows in soil or water.

FERNS

Boston Ferns. These are fine specimens of the best of all ornamental house plants.

From 3" pots: Postpaid, 60c each.

From 4" pots: Postpaid, \$1.10 each; From 5" pots: Postpaid, \$1.65 each.

WATER PLANTS

Free Cultural Directions. For Pool or Tub Culture.

Shipment can not be made until late May. Weather must be warm when water plants are planted.

HARDY WATER LILIES: Day Bloomers. Postpaid, \$2.25 each.

W. B. Shaw. Fragrant deep rose.

Marillac Yellow. Bright Canary Yellow.

Marilacea Carne. Prolific bloomer. Flesh colored flowers.

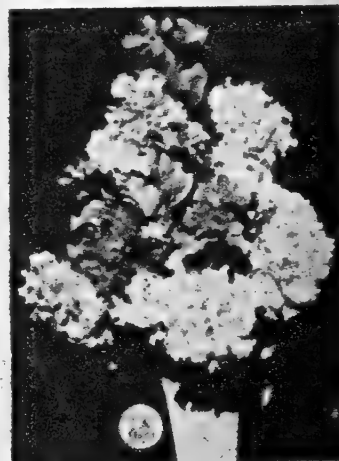
FLOATING PLANTS: Postpaid, 30c each.

Water Hyacinths. Lilac bloom.

Water Lettuce. Shell flower.

Miriophyllum. Oxygenator and fish food. Bunches.

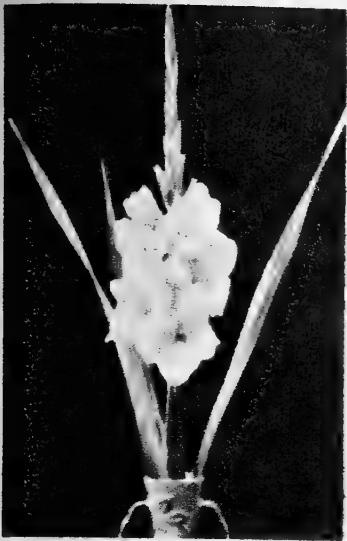
Parrots Feather. Fuzzy green foliage. Floats on surface. Bunches.



Double Petunia



Water Lilies



Maid of Orleans

GLADIOLUS

From the thousands of gladiolus varieties offered today, we have chosen those we consider finest in their class. Our bulbs are all large size, No. 1, young, clean stock.

ALL BULBS PRICED DELIVERED

\$1.60

WILL'S ARISTOCRAT GLADIOLUS COLLECTION

\$1.60

Lovely collection of twenty beauties. One bulb of each listed below. Some early and some late blooming. Each bulb labeled. For 18 years we have offered an Aristocrat Collection that has been a sensation for quality and price. All bulbs large No. 1. Each bulb labeled. 20 named bulbs \$1.60 postpaid.

- APRICOT GLOW.** Early bloomer. Color bright apricot.
- HIT O' HEAVEN.** Tall growing deep orange, with contrasting yellow throat. Twenty or more buds to the stalk, with 10 to 12 open at a time.
- CRIMSON GLOW.** A bright red that stands out in any planting.
- DEBONAIR.** LaFrance pink shading to shrimp pink. Six to eight large blooms open at one time.
- FLAMING SWORD.** Brick red, many florets open at one time. Very reliable.
- GARDENIA.** Very fine cut flower. Self creamy-white, 5 to 6 florets open on a 20 to 22 bud spike. Tall growing.
- GIANT NYMPH.** A large bloom. Many open at a time. A clear soft pink.
- GOLD EAGLE.** Early bloomer. Clear canary yellow. Straight upright stalk.
- GOLDEN FRILLS.** A lovely clear yellow with a red spot in the throat.
- HELGA.** Early pink with a light throat. An old favorite.
- KING LEAR.** Very early. Clear deep purple with silver line on edge of petal. Very large blooms heavily ruffled.
- LA PALOMA.** Gorgeous, vivid burnt orange. Large flowers well placed on spike.
- LILAC WONDER.** Pretty large lilac colored blooms.
- MAID OF ORLEANS.** Milky white with cream throat. Tall straight spike with up to 8 blooms open at one time.
- PICARDY.** Immense spikes of rich apricot-pink blooms. Extremely large, slightly ruffled, waxy florets.
- PRIDE OF WANAKAH.** A tall deep rose with darker blotch. Large blooms.
- QUEEN OF BREMEN.** Popular earliest uniform light lavender.
- RED PHIPPS.** Medium tall plant, with exceptionally long flower head. Soft red with lighter center.
- VREDENBURG.** A very lovely large pure white. Very popular for weddings and church decoration.
- WASAGA.** Soft buff. Very beautiful under artificial light. Grows very tall.
- All bulbs are labeled. Price 15c each; 3 for 35c; 12 for \$1.25; 100 for \$8.00.

Pioneer Gladiolus Collection

This is a remarkable collection of large, first size, young clean bulbs. Made up of assorted colors, types and blooming seasons. The ideal garden collection for cutting. Price, 20 for \$1.20; 50 for \$2.90; 100 for \$5.50.

GENERAL BEDDING PLANTS

From 3" pots: Postpaid 25c each; \$2.50 dozen.

For general bedding purposes, these are the most popular and satisfactory plants: Ageratum, Coleus, Lantana, Lobelia, Single Petunia, Salvia, Sweet Alyssum, and Verbena. We have them all to give you a variety of color choice for your spring beds.

TRANSPLANTED BEDDING PLANTS

Postpaid: 60c dozen; \$1.75 for 50; \$3.50 for 100.

In this group we have Asters, Snapdragons, Ageratum, Sweet Alyssum, Single Petunia, Salvia and Verbena.

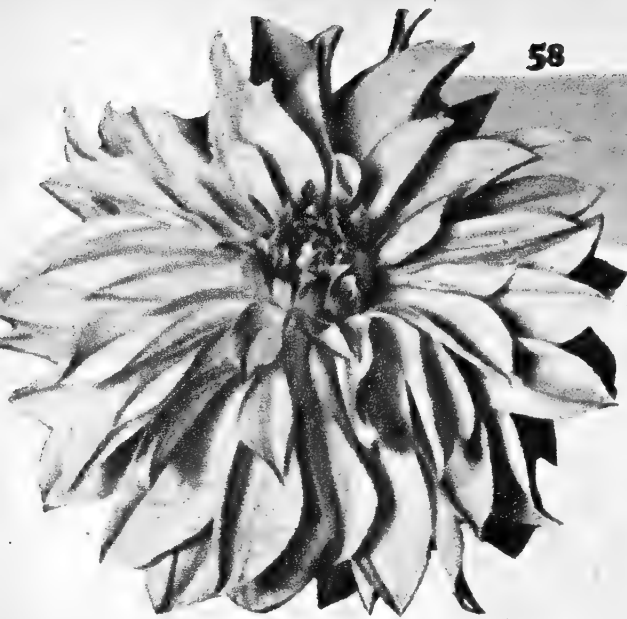
HOUSE PLANTS

Our selection of house plants naturally varies with the seasons, but these favorites we have in season. **WRITE FOR PRICE LIST OF SEASONAL PLANTS.** Azalea, Begonia, Cacti, Calceolaria, Cineraria, Coleus, Cyclamen, Fern, Fuchsia, Easter Lily, Geranium, Hydrangea, Ivy, Pelargonium, Petunia (double), Philodendron, Poinsettia, Sansevieria (Snake plant).

North Dakota Customers Must Pay 2% Sales Tax on all Bulbs and Bedding Stock.



Lilac Wonder



Francis Larooco

SEPARATE TUBERS OF ABOVE VARIETIES, postpaid, 35c each; 5 for \$1.50.

WILL'S DAHLIAS

Dahlias are among the most magnificent and colorful of all summer flowers for garden display or cutting. Size of the tuber makes little difference. Some strong, better growing sorts produce small tubers.

Each tuber is individually wrapped and labeled. We list only the large decorative type of dahlia.

Free cultural directions included with each order.

COUNTESS OF PEMBROKE. Large decorative lavender dahlia.

DARLENE. A very pretty pink of fine form.

DOAZON. Often called "Big Gus." A giant orange scarlet.

FRANCIS LAROCCO. A favorite bright canary yellow. Cuts very well.

PURITY. Pure white. A rugged vigorous grower.

CAPITAL DAHLIA MIXTURE

A mixture of all colors and types in the large dahlia class. This is a wonderful opportunity to get a start on some high class dahlias. All wrapped and labeled. Postpaid, 6 tubers for \$1.35; 12 for \$2.50.

CANNA BULBS

Grow Cannas for a glorious border or bed. These strong dormant roots give a variety of richly colored flowers and attractive tropical foliage.

KING HUMBERT. 4 ft. Large orange-scarlet flowers. Foliage is bronze; very broad and handsome.

THE PRESIDENT. 4½ ft. The most popular canna. Has enormous blooms of rich glowing scarlet.

ROSEMOND COLE. 3½ ft. Beautiful huge red flowers with yellow blotches and green foliage. Makes a very striking bed.

YELLOW KING HUMBERT. 4 ft. Large deep yellow blooms with vermilion spots.

TUBERS, postpaid, 3 for 50c; 6 for 90c; 12 for \$1.75.

North Dakota Customers must pay 2% Sales Tax on Tubers.



The President



Transplanted Cabbage Plants

TRANSPLANTED VEGETABLE PLANTS

Our vegetable plants are grown from finest grade seed of varieties best adapted to the Northwest. We do not recommend shipping plants beyond the fourth zone (600 miles).

**ON PLANT ORDERS LESS THAN 60c,
ADD 15c FOR PACKING**

CABBAGE. Early. Ready in April and May. Golden Acre, Copenhagen Market, Red Acre (red to center).

CABBAGE. Late. Ready in June. Danish Ballhead.

CAULIFLOWER. Ready in April and May. Super Snowball.

CELERY. Ready in June. Golden Self Blanching and Utah.

EGG PLANT. Ready in May and June. Black Beauty.

GROUND CHERRY. Ready in May and June.

PEPPER. Ready in May and June. King of the North, Ruby King.

TOMATO. Ready in May and June. Chatham, Firesteel, Red River, Victor, Yellow Pear.

45c per Dozen

**\$2.25 per 100
Postpaid**

50c per Dozen

**\$2.95 per 100
Postpaid**

No Sales Tax on Vegetable Plants.

Pioneer Nursery of the Northwest

BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee stock after delivery to transportation Co., but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

TREES BY MAIL. We can mail parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying on receipt of trees.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION. This is to certify that I have this date examined the Nurseries and stock of Oscar H. Will & Company and found the same to be free from dangerously injurious insects and Plant Diseases.

J. ALEX MUNRO

Dated June 22, 1947

State Nursery Inspector
Bismarck, N. D.

NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON NURSERY STOCK

Nursery Prices Marked Postpaid Apply to a Distance of Not Over 600 Miles or to no Zone Beyond the 4th

HARDY SEEDLINGS FOR GROVES, SHELTER BELTS, WINDBREAKS, HEDGES

Green Ash—

	100	500	1000
6-12 in.	\$2.00	\$ 8.50	\$17.00

Box Elder—

12-18 in.	3.00	15.00	28.00
18-24 in.	4.00	17.00	32.00

Cottonwood—

6-12 in.75	3.00	5.00
12-18 in.	1.00	3.75	7.00
18-24 in.	1.25	4.50	8.50

Diamond Willow—

.....	1.00	4.00	7.00
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Diamond Willow

Cuttings75	2.50	4.50
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American Elm—

12-18 in.	3.00	13.00	25.00
18-24 in.	5.00	20.00	37.00

Siberian Elm—

	100	500	1000
12-18 in.	\$2.25	\$11.00	\$20.00

Caragana—

6-12 in.	3.00	15.00	28.00
12-18 in.	3.50	17.00	33.00
18-24 in.	5.00	24.00	

Russian Olive—

6-12 in.	3.00	14.00	27.00
12-18 in.	5.00	24.00	45.00

Buckthorn—

18-24 in.	18.00		
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Plum Seedlings—

12-18 in.	7.50		
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For Shelter Belts and Windbreaks Plant About 800 Trees per Acre



Horse
Chestnut

NUT BEARERS

BLACK WALNUT (*Juglans nigra*). One of the few nut trees that we can grow in North Dakota and then only from hardiest stock. Price, 2 to 3 ft., 50c.

HORSE CHESTNUT. The truly hardy and beautiful Ohio Buckeye, grown by us for many years. Price, 18 to 24 in., 75c.

HAZELNUT. The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the rostrata and americana. These can not be distinguished except from the fruit: 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price 2 to 3 ft., each, 40c; 12, \$4.00.

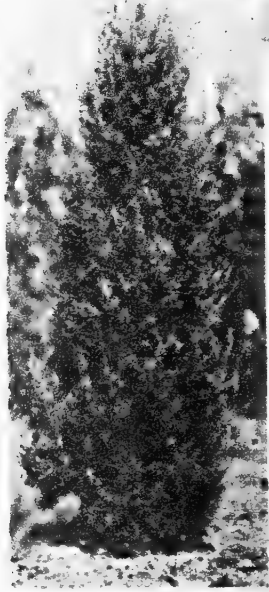
Hazelnut

Black Walnut



HARDY EVERGREENS

for the NORTHWEST



Bad Lands Cedar

N. D. BAD LANDS CEDAR (*Juniperus scopulorum*). Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardiest evergreen under most severe conditions and very ornamental too. Price 12 to 18 in. mudded, each, \$1.25; Balled and burlapped, 18 to 24 in., each, \$1.75; 2 to 3 ft., each, \$3.00; 3 to 4 ft., each \$4.50.

BAD LANDS TRAILING JUNIPER (*Juniperus horizontalis*). Color, a lovely bluish silver in summer, bronze in winter. A beautiful ground cover. Very hardy. Mudded. Seedling plants. Price: 12 to 15 in. spread, each, \$1.50; 5, \$7.00.

BUSH JUNIPER (*Juniperus communis*). A hardy native evergreen shrub outstanding for foundation planting and similar purposes. 1 to 2 ft. spread, each, \$2.00.

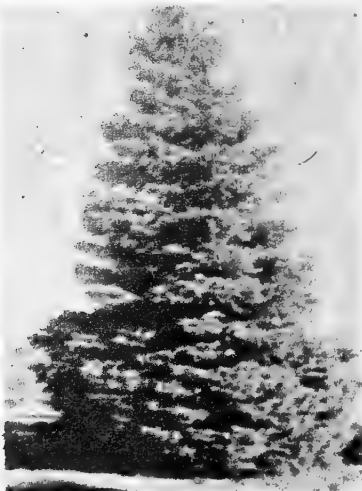
SCOTCH PINE (*Pinus sylvestris*). Ours are grown from hardy Finnish seed. A fast growing and very handsome pine, very cold resistant. 18 to 24 in., \$1.10.

N. D. BULL PINE (*Pinus scopulorum*). One of the handsomest, sturdiest and most lasting of all our native shade trees. Perfectly hardy, a native of our Bad Lands country where it climbs to the summits of the hills and buttes. 12 to 18 in., each, \$1.50; 18 to 24 in., each, \$2.50; 2 to 3 ft., \$4.50.

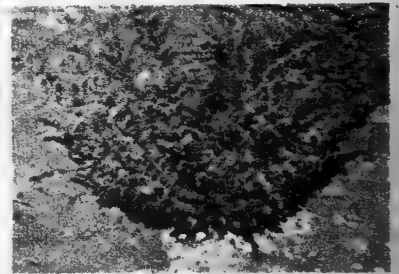
COLORADO SPRUCE (*Picea pungens*).

Trees shade from dark green to blue. Not only the most beautiful of the spruces but one of the hardiest, being fully the equal of the Black Hills. Thrives in country windbreak or on town lawns. Several times transplanted. Price: 12 to 18 in., each, \$2.00; 5 for \$9.00; 18 to 24 in., each, \$4.00.

BLACK HILLS SPRUCE (*Picea Albertiana*). Perhaps our most valuable evergreen for general planting in the Great Plains. A 30 ft. high shelter belt $\frac{1}{4}$ mile long stands at the U. S. Great Plains Field Station at Mandan. Drouth resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Several times transplanted. Price: 12 to 18 in., each, \$1.90; 18 to 24 in., each, \$3.50.

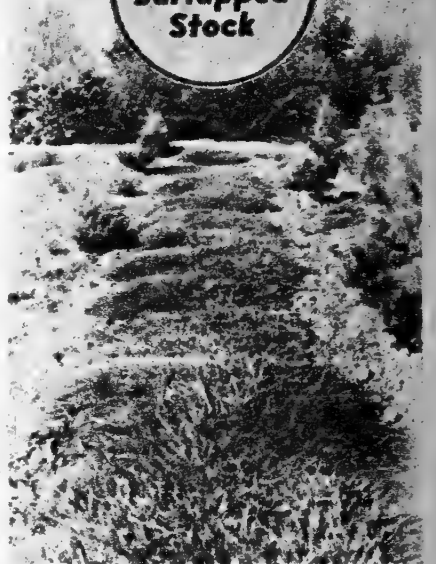


Colorado Spruce



Bush Juniper

Balled
and
Burlapped
Stock



Creeping Juniper

EVERGREEN TRANSPLANTS AND SEEDLINGS

Black Hills Spruce

COLORADO SPRUCE. Fine healthy transplants of this hardy evergreen in 8 to 10 in. size. Price, postpaid: 50 for \$10.00; 100 for \$19.00. F.O.B. here, 100 for \$18.50. 10 to 16 in., postpaid: each, 50c; 10, \$4.50; 30, \$12.50. F.O.B. here, 50, \$12.00.

BLACK HILLS SPRUCE. Same sizes as above. Same prices.

JUNIPERUS SCOPULORUM (Bad Lands Cedar). Seedlings 4 to 8 in. Postpaid, 50 for \$5.00; 100, \$9.00. F.O.B. here, 100, \$8.50.



SHADE AND ORNAMENTAL TREES

CHINESE or SIBERIAN ELM. As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. The occasional winter damage explains why we have steadily refused to recommend this tree as a street or lawn tree. In spite of the winter injury, which has occurred only once every 15 or 20 years, we still feel that this very fast growing and drouth resistant tree possesses great value in the Great Plains. Even if it has to be cut back to the ground it will recover in a year or so and produce more new growth than could be obtained in the same time by re-planting with any other tree. Price, 2 to 3 ft., each, 20c; 5 for 90c; 6 to 8 ft., each, 75c; 5 for \$3.50; 8 to 10 ft., each, \$1.25; 10 to 12 ft., each, \$2.00. For seedlings, see page 59.



Siberian Elm

AMERICAN ELM (Ulmus Americana). Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. 3 to 4 ft., each, 40c; 4 to 6 ft., each, 70c; 6 to 8 ft., each, \$1.00; 8 to 10 ft., each, \$2.00. For seedlings, see page 59.

HACKBERRY (Celtis occidentalis). One of the hardiest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 3 to 4 ft., each, 50c; 5 for \$2.25; 4 to 6 ft., each, 80c; 5 for \$3.75; 8 to 10 ft., each, \$1.50; 5 for \$6.25.

GREEN ASH. Our native ash, drouth, cold, heat and alkali resistant. A fine timber tree. Ash fence posts rank at the top. Grows 1 to 3 ft. per year. For seedlings, see page 59. 3 to 4 ft., each, 35c; 10 for \$3.25; 4 to 6 ft., each, 50c; 10 for \$4.50; 6 to 8 ft., each, 75c; 5 for \$3.50.

HARDY MULBERRY. We got this very hardy strain from a man who has grown it in western North Dakota for many years. Price, 3 to 4 ft., each, \$1.00.

MAPLE

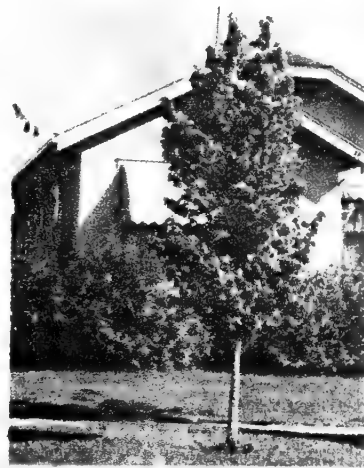
BOX ELDER or MANITOBA MAPLE.

Hardiest of all the Maple family and our only native Maple. Prefers loam and heavier soils. A beautiful tree when properly trimmed and cared for. Seedlings on page 59. 4 to 6 ft., each, 45c; 5 for \$2.00; 6 to 8 ft., each, 60c; 5 for \$2.75.

GINNALA MAPLE. A handsome small tree with typical maple foliage, extremely hardy. Takes on gorgeous fall colors. 4 to 5 ft., each, 75c.



American Elm



Hackberry

NORTH DAKOTA COTTONWOOD (Populus deltoides). The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past periods of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest. We have been headquarters for cottonwoods for sixty years. Prices: for seedlings, see page 59. 3 to 4 ft., each, 15c; 10 for \$1.25; 4 to 5 ft., each, 30c; 5 for \$1.40; 6 to 8 ft., each, 50c; 10 for \$4.50; 8 to 10 ft., each, 75c.

COTTONLESS COTTONWOOD. Grown from selected male trees which shed no cotton. Price, 3 to 4 ft., each, 50c; 10, \$4.75.

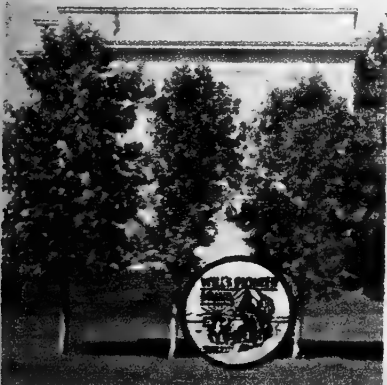
NORTHWEST POPLAR. A very handsome, hardy and quick growing poplar native to N. D. Said to be a cross between Balm of Gilead and Cottonwood. Price, 3 to 4 ft., each, 25c; 10, \$2.10; 4 to 6 ft., each, 40c; 10, \$3.75.

POPLAR, SILVER-LEAVED. Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 3 to 4 ft., each, 60c; 5 for \$2.75.

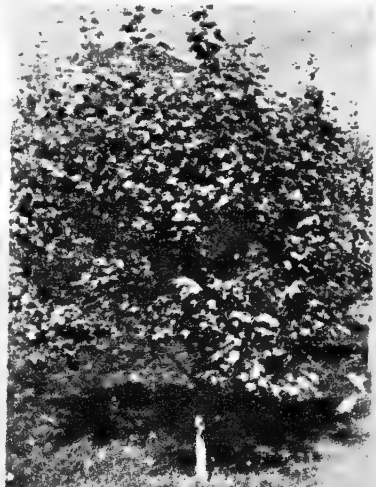
POPLAR, BOLLEANA. One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy. Silvery bark and silver lined, maple shaped leaves. Price, 4 to 5 ft., each, 75c; 5, \$3.50.



Cottonwood



Northwest Poplar



Silver-Leaved Poplar



American Linden



Willow Windbreak

AMERICAN LINDEN or BASSWOOD.

A beautiful shade tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price, 4 to 5 ft., each, \$1.50.

MOUNTAIN ASH (Sorbus Aucuparia).

Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price, 4 to 5 ft., each, \$1.25.

CUT LEAF WEEPING BIRCH.

Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$2.75.

BLACK BIRCH.

4 to 6 ft., each, \$2.00.

HONEY LOCUST.

This is a very hardy strain, seed of which was given us by the Burleigh Co. auditor, Mr. Schlenker. It may kill back occasionally. 4 to 5 ft., each, \$1.50.

WILLOW, GOLDEN.

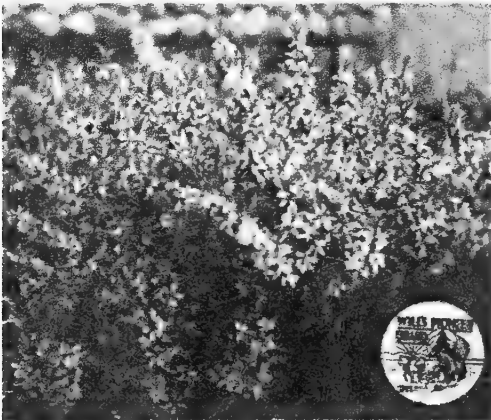
A hardy strain of this handsome windbreak and shelter-belt tree. Rapid grower, good quality wood. Price, 2 to 3 ft., doz., \$1.00; 50, \$3.50.

WHITE ENGLISH WILLOW.

Very hardy. A beautiful tree and does well in good, moist soil. 2 to 3 ft., doz., \$1.00; 50, \$3.50.

WILLOW, LAUREL LEAVED. One of the hardy Russian Willows. Price, 2 to 3 ft., doz., \$1.00; 50, \$3.50. For Diamond Willows see page 59.

FLOWERING AND ORNAMENTAL SHRUBS



Siberian Flowering Almond

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings. Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cutback before mailing.

ARTEMISIA or OLD MAN. A very hardy Russian shrub useful for a quick hedge. Grows 4 to 5 ft. in one season; feathery, thick foliage. Should be cut back, each year. Price, 18 to 24 inch, each, 40c; 10, \$3.50.

DWARF SIBERIAN FLOWERING ALMOND. Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 18 to 24 in., each, 40c; 10, \$3.75.

BUFFALO or BULLBERRY (Shepherdia argentea). A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, handsome hedge plant, 18 to 24 in., each, 30c; 10, \$2.75; 2 to 3 ft., each, 40c.

SCHUBERT PURPLE LEAVED CHOKECHERRY. In this entirely new introduction we feel that we have a handsome plant to provide color contrast, which is also free from the winter damage that often affects the Purple Leaved Sand Cherry. Foliage is green at first and slowly turns purple, an outstanding addition. Each, 2 to 3 ft., \$2.00.

CARAGANA FRUTEX. Maximum size 4 to 6 ft., large single yellow flowers in May. Very handsome. 12 to 18 in., each, 40c.

CARAGANA PYGMEA. The very dwarf type with large yellow flowers in June. Seldom grows over 3 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. Price, each, 12 to 18 in., 30c; 10, \$2.75. 18 to 24 in., each, 40c; 10, \$3.75.

HIGH BUSH CRANBERRY (Viburnum americana). Native of North Dakota. Maximum height 5 to 6 ft.

First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., each, 50c; 10, \$4.50.

GOLDEN or BUFFALO CURRANT. This lovely shrub with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Does well in shady spots. Large black fruits make excellent preserve. Price, 2 to 3 ft., each, 40c; 10, \$3.50.

MIXED TARTARIAN HONEYSUCKLE

May flowering, very hardy, and striking. Shrub 5 to 8 ft. high, good as a hedge also. Blooms in pink, white and red. Extremely fragrant. 18 to 24 in., each, 35c; 10, \$3.25.

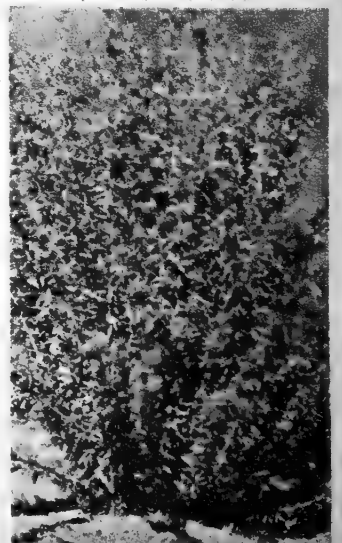
RED HONEYSUCKLE. An all red selection. 18 to 24 in., each, 50c; 10, \$4.75; 2 to 3 ft., each, 60c.

HONEYSUCKLE GROUND COVER. A new handsome prostrate shrub for terraces and foundation planting. Lavender blooms in June in tremendous profusion. Each, \$1.25.

HAWTHORN (Crataegus). Most effective and beautiful. A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 5 to 6 ft., each, 60c; 5 for \$2.70.



Hawthorn or Thorn Apple



Pygmaea Caragana



Prunus Triloba

MAY DAY TREE.

Earliest blooming of shrubs, it presents a cloud of graceful white sprays of cherry-like flowers to welcome the spring. Striking and beautiful. A Siberian species and very hardy. 3 to 4 ft., each, 75c.

63

May Day Tree

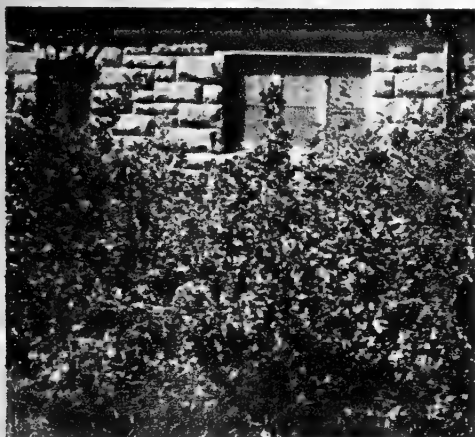


PHILADELPHUS.

This beautiful, large, double-flowered syringa when planted in a protected spot is very satisfactory. One of the newest of the modern hybrids. Each, 18 to 24 in., 75c.

PRUNUS JAPONICA. A shrub to 5 ft. tall, broad and graceful.

ful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 12 to 18 in., each 40c; 5, \$1.75; 2 to 3 ft., each 70c.



Fragrant Sumac

PRUNUS TRILOBA (Double flowering plum—Chinese Rose Tree). Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, \$1.25.

POTENTILLA. A mid summer blooming perennial 2 to 3 ft. tall when mature. Neat and compact. 18 to 24 in., each, 75c; 5 for \$3.50.

RED DOGWOOD. As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 18 to 24 in., each, 40c; 10, \$3.75.

PURPLE LEAVED SANDCHERRY—CISTENA. Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 90c.

SILVERBERRY. Valuable for contrast because of its silvery color. Height, 3 to 5 ft. Small, very fragrant yellow blossoms in June. A native. Price, 3 to 4 ft., each, 50c.

SNOWBALL (*Viburnum Opulus sterilis*). The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each, 70c.



Red Dogwood

SHEEP BERRY (*Viburnum lentago*). Flat clusters of small, white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 3 to 4 ft., each, 50c; 10, \$4.70.

SMOOTH SUMAC. A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each, 50c; 10, \$4.75.

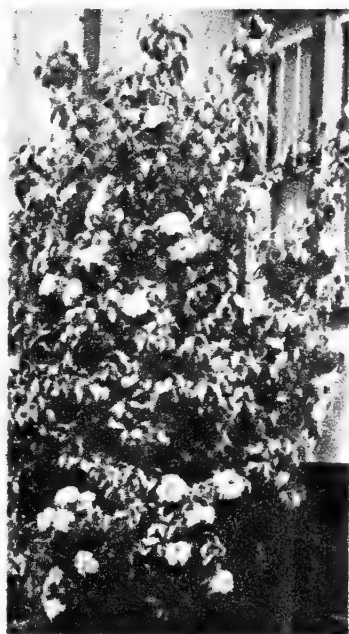
FRAGRANT SUMAC. A broad, dark leaved native with very fragrant leaves and many bright round red berries in the fall. Grows 4 to 6 ft. tall. Very hardy. 2 to 3 ft., each, 35c; 5, \$1.50.

TAMARIX (Dr. Yeager's hardy Amur). 6 to 8 ft. max. height same breadth. Does not sap moisture from nearby plants. A feathery shrub with ever-green-like foliage bearing a dense mass of pink bloom in mid-summer. Price, 18 to 24 in., each, 75c.

WAHOO or BURNING BUSH. An American shrub notable for the wonderful fall color effects of both fruit and foliage. We have a really hardy strain. 2 to 3 ft., each, \$1.25.



Prunus Japonica



Sheep Berry



Snowball

LILACS



Royalty Lilac

FRENCH HYBRIDS

CHARLES X. Color between lilac and violet, clusters of tremendous size. May blooming French hybrid. One of the favorites. Price, 18 to 24 in., each, 80c.

MADAME LEMOINE.

A pure white double



French Hybrid

ble French hybrid. May blooming. Price, 18 to 24 in., each, 80c.
LUDWIG SPAETH. A handsome single dark red of the French hybrid type. Blooms in May. Each, 90c.

PRES. GREVY. The best of the blues. A fine, large double. Blooms in May. Each, 90c.

CONGO. An extra large flowered lilac in a striking wine red color. May blooming. Each, 90c.

ROYALTY. One of the Preston Hybrids from Canada. A cross between josikea and villosa. Handsome foliage. Large flower clusters. Purple fading to violet with age. Late blooming. Each, 18 to 24 in., \$1.25.

PURPLE LILAC. The old favorite, one of the hardiest. Each, 18 to 24 in., 50c; 10, \$4.75.

PERSIAN LILAC. Gradually replacing the older type because of its regular blooming habit and the fact that it spreads very little. Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 60c; 10, \$5.75.

VILLOSA LILAC. A rugged variety globular in shape. 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 12 to 18 in., each, 40c; 5, \$1.90.



Purple Lilac

SPIREA

KOREAN SPIREA (*Spirea trichocarpa*). Blooms after Van Houtte with large flowers and heavier clusters. Hardest of the type, graceful. A real addition to your planting. 2 to 3 ft., each, 50c; 5, \$2.25.

VAN HOUTTE or **BRIDAL WREATH.** This established favorite with its masses of white flowers in May needs no long description. 18 to 24 in., each, 40c; 10, \$3.75.

SORBARIA. Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 18 to 24 in., each, 60c.

FROEBELLI. The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 12 to 18 in., each, 50c; 5, \$2.25.

OPULIFOLIA (Ninebark or Hardhack). One of the hardest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 60c.

BILLARDI PINK. This is an August blooming species, 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each 40c; 5, \$1.75.



Korean Spirea



Van Houtte Spirea

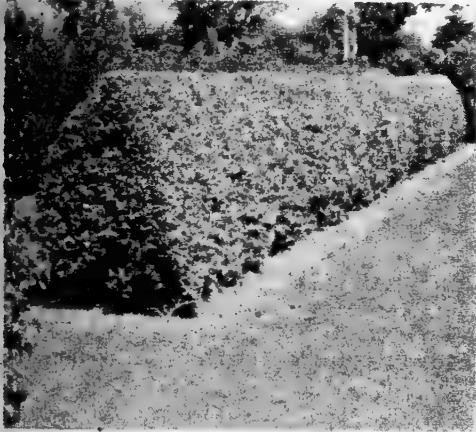
HARDY HEDGE PLANTS

SIBERIAN PEA (*Caragana arborescens*). Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. 12 to 18 in., each, 10c; 10, 40c; 100, \$3.50; 18-24 in., each, 15c; 100, \$5.00.

RUSSIAN OLIVE (*Elaeagnus angustifolia*). A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and windbreaks. 12 to 18 in., each, 10c; 100, \$5.00.



Russian Olive



Siberian Elm Hedge

PYGMY CARAGANA. Ideal low hedge. Compact, easily trimmed. Seldom grows over 3 ft. high. 12 to 18 in., each, 20c; 10, \$1.75; 50, \$7.50. 18 to 24 in., each, 35c; 10, \$3.25.

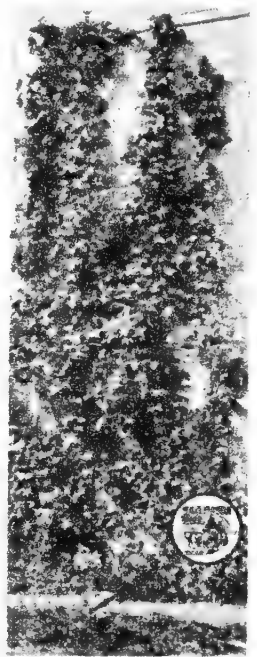
HAWTHORN (*Craetagus*). A thorny shrub with glistening leaves, white flowers and red fruits. 3 to 4 ft., each, 60c; doz., \$7.00.

FRAGRANT SUMAC. Makes a beautiful, compact hedge. Bears bright red berries toward fall. Very drouth resistant. 2 to 3 ft., each, 35c; 10, \$3.00.

BUCKTHORN. A slow growing, very hardy and handsome hedge. Requires moisture and good soil. 18 to 24 in., each, 20c; 50, \$9.00.

SIBERIAN ELM. 12 to 18 in., see page 59 for prices.

BAD LANDS CEDAR (*Juniperus scopulorum*). The ideal evergreen hedge for the Northern plains. 4 to 8 in., sdls., 25, \$2.75; 50, \$5.00; 100, \$9.00. Postpaid, F.O.B. here, 100, \$8.00.



Menispermum

ORNAMENTAL VINES

WILD GRAPE. One of the most handsome as well as useful vines. Each, 40c; doz., \$4.00.

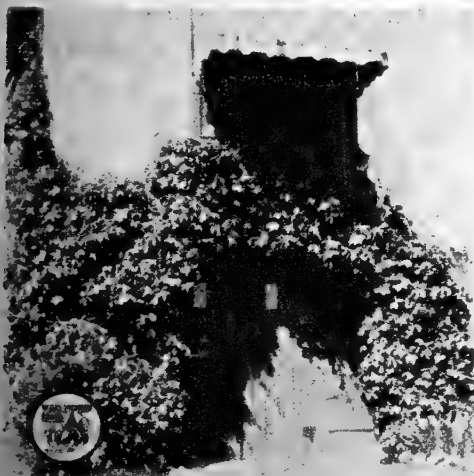
WOODBINE or VIRGINIA CREEPER. The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 35c; 10 for \$3.25. Postpaid, each, 40c.

ENGELMANN'S CREEPER. Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. Price, each, 40c; 10 for \$3.50. Postpaid, each, 45c.

MENISPERMUM. A half woody climber whose handsome leaves resemble ivy. Does well in shade, prefers rich soil. Grows 10 ft. in a season and kills back part way. Price, each, 30c; 5 for \$1.25. Postpaid, each, 35c.

CHINESE MATRIMONY VINE. This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. Price, each, 25c; 10, \$2.00; Postpaid, each, 30c; 10, \$2.75.

BITTERSWEET. A native of great hardiness. To assure berries several must be planted, as the plants are single sexed. Noted for the beautiful shape and color of the berries in fall. Price, each, 50c; 5 for \$2.25. Postpaid, each, 55c.



Woodbine or Virginia Creeper

CLEMATIS, JACK-MANII — LARGE FLOWERED PURPLE. One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, \$1.00; 5 for \$4.00. Postpaid, each, \$1.10.

CLEMATIS, WHITE or VIRGIN'S BOWER. Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each, 45c; 10 for \$4.00. Postpaid, each, 50c.

NATIVE HOP VINE. A fast growing ornamental perennial vine, growing 10 to 20 ft. in a season. Dies down to the ground over winter. Price, each, 40c; 5 for \$1.75.

Engelmann's Creeper



HARDY ROSES PERPETUAL BLOOMERS

The only really hardy bloomers of the Perpetual or repeating type are the Rugosa Hybrids.

SIR THOMAS LIPTON. Best of the white Rugosa Hybrids. Two to 3 ft. tall, covered with a multitude of large, very double blooms most of the summer. Each, \$1.00; 5 for \$4.75.

HANSA. Hardest of the class. Sturdy bushes; very dark red, double flowers continuously borne through the summer. A fine landscape rose. Each, 90c; 5 for \$4.25.



Hansa



Sir Thomas Lipton

SARAH VAN FLEET produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 feet tall. Each 90c.

AMELIA GRAVEREAUX. A smaller and more delicate plant. Flowers most double of the rugosa hybrids, bright red in color. Best of the class for cutting. Each, \$1.00.

GEORGE WILL. One of the extra-hardy rugosa hybrids produced by Dr. Skinner of Manitoba. Bright rose color, blooms all season. Each, \$1.50.

GROOTENDORST, the Carnation Rose, is a continuous bloomer and represents a new type, a cross between rugosa and baby rambler. Red flowers are borne in clusters and resemble carnations in appearance. Each, 90c; 5 for \$4.25.



Grootendorst

Harrison's Yellow

BELLE POITEVINE is a sturdy, strong growing pink rugosa hybrid, bearing large bright pink, very double flowers. Each, 90c.

GRUSS AN TEPLITZ. An extra hardy hybrid dark red tea rose that has been sold under the names of Prairie Queen, Prairie King, etc. It requires a little winter protection, but can be cut back in the spring and blooms on new wood. Price, each, \$1.00.



Gruss An Teplitz

JUNE BLOOMING

June blooming roses are the hardest of all and require no protection at all so far as the hardy varieties which we list are concerned.

HARRISON'S YELLOW is perhaps the best known and most common June bloomer. 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June. Each, \$1.00; 5 for \$4.50.

AGNES. The only yellow rugosa hybrid. Full double flowers of a lemon yellow color. 3 to 4 ft. tall, hardy, handsome. Each, \$1.00.

ROSA ALTAICA. A bush rose, 4 to 5 ft. tall bearing large single, cream white roses with yellow centers in incredible numbers. The blooms last for several weeks and are followed by dark purple, ornamental fruits. Price, each, \$1.00.

DAKOTA PRAIRIE ROSE (*rosa pratincola*) is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season. Each, 40c; 5 for \$1.75.

BETTY BLAND. A lovely Manitoba rose, 5 ft. tall, flowers a glowing rose pink. Stems red and adds to wintry landscape colors. Each, \$1.25.



FLOWERING PERENNIALS

Really Hardy Fall Flowering Chrysanthemums

These extra hardy mums in a varied riot of colors have been secured by us from the Bureau of Plant Industry, U. S. D. A., from the Minn. Expr. Sta. and from Canada. As a foundation planting or border they bloom well into October after all other flowers are gone. Price, each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

PINK CUSHION. A low, compact light pink from Canada. Outstanding among all these varieties for its perfect hemisphere of lovely pink blossoms in mid September.

MANANTICO. Dark rose pink, early.

TETON. Early single white.

OGLALLA. A tall, dark red, mid-season.

ABSAROKA. Mid-season, large bronze yellow.

RED WING. Dwarf, handsome red, early.

MOONGLOW. Creamy yellow, early, dwarf.

WINOOSKI. Latest of all. Very profuse double white.

WELCOME. One of the hardiest of Minnesota selections.

The following are recent new Wyoming introductions

FLICKA (S-37). Compact plants, rosy bronze color, adapted to higher altitudes and short seasons.

DAKOTA (S-27). Cushion type, double bronze flowers. Extra hardy.

ARIKARA (S-5). Early, red bronze, semi-double, heavy bloomer.

WYO. WHITE (S-28). Compact plant, double, white with yellow center. Very early.

WAKU (S-24). Double, pure white, large flowers on long stems, frost resistant.

PERENNIAL

ASTERS

Fall Blooming

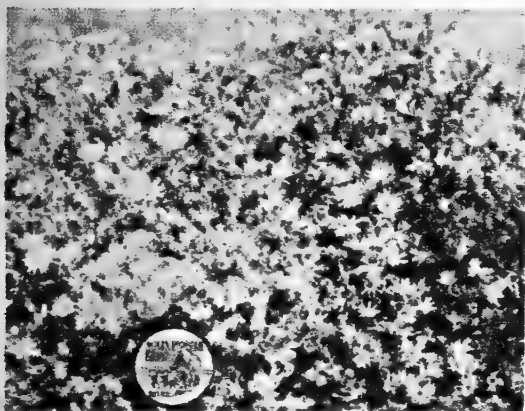
MRS. FANNY HEATH.

A late bloomer of the New England species and the most beautiful rose colored aster we have ever seen. Height 4 to 5 ft., flowers very numerous and large. Each, 50c; doz., \$5.00; postpaid, each, 55c; doz., \$5.50.

Prices of varieties listed below, each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

DAKOTA PINK. A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

DAKOTA BLUE. Same as the pink but with a clear blue color.



Dakota Aster

Bellamosa



Mrs. Heath Aster

Belladonna

GARLAND. Blooms late August. Flowers in festoons of white on slender stems.

SHADY PLACE (laevis). 2 to 4 ft. Flowers light to dark blue. August blooming. Thrives in shade.

GOLDEN (chrysopsis). Bright masses of gold in August and September contrast in mixed plantings with the blues and pinks.

DELPHINIUM

Prices, unless otherwise quoted: Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

NEW ZEALAND BLUE. This lovely, dark blue delphinium came to us from a New Zealand gardener. It seldom exceeds 2 ft. in height, is bushy and literally covered with fine dark blue blossoms in the regular chinensis type of spikes.

NEW ZEALAND WHITE. Of chinensis type like the above which it duplicates except for color.

BELLADONNA. 4 to 5 ft. Long spikes, pale blue flowers.

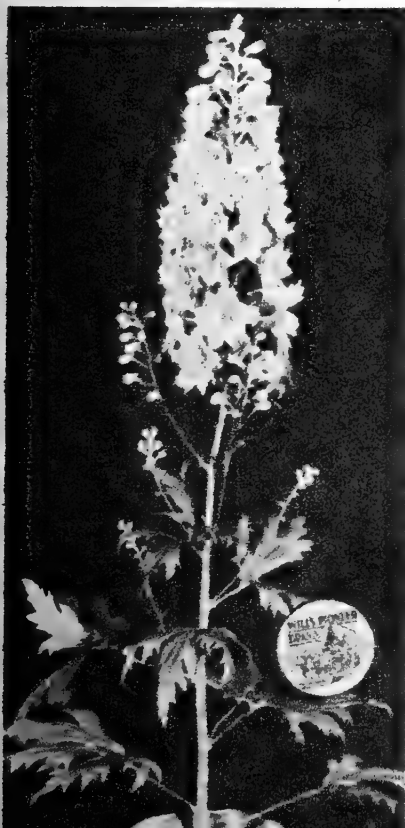
BELLAMOSA. The dark blue, slender type, 24 to 48 in.

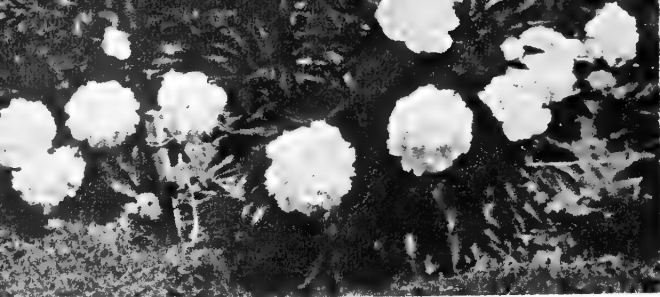
HYBRID. Extra large, double, long spiked plants in various shades and tones. Each, 50c; postpaid, 55c.

PERENNIAL PHLOX

Price, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

ADA BLACK JACK. A Manitoba origination with the Pyramid & Boughen. These three are the hardiest of all the family. A bright rose pink.





Couronne D'Or

68

THE PEONY Queen of All Flowering Perennials

FINE MIXED PEONY ROOTS

A mixture of good named varieties. Postpaid, each 40c; 12 for \$4.00.

REDS

FELIX CROUSSE. Blooms late mid-season; a bright rich ruby red—a heavy bloomer and excellent for cutting. Each, 90c; 5 for \$4.25; postpaid, each,



Felix Crousse

\$1.00, 5 for \$4.50.
KARL ROSENFELD. Early mid-season, dark red, rose type. Each, 90c; 5 for \$4.25; postpaid, each, \$1.00, 5 for \$4.50.
MONS. MARTIN CAHUZAC. Darkest in color of all peonies. A ring of golden stamens at the center. Early. Each, \$3.00; postpaid, \$3.20.
PHILIPPE RIVOIRE. Most perfect of all red peonies. Late. Dark red, and very large. Each, \$3.00; postpaid, \$3.20.
MARY BRAND. Called one of the dozen best reds. Mid-season, rose type, heavy bloomer, dark. Each, \$1.40; postpaid, \$1.50.

WHITES

COURONNE D'OR. A late bloomer. Bears very heavily; a beautiful white with a circle of golden stamens, and the latest peony to bloom—a perfect finish to the peony season. Postpaid, each, 75c; 5 for \$3.50.
FESTIVA MAXIMA. White. One of the largest of all peonies. Usually carries a crimson fleck at the center. Early rose type. Postpaid, each, 80c; 5 for \$3.75.

PINKS

CLAIRE DUBOIS. Bright silvery pink with a salmon shading. Bomb type. Strong grower of dwarf habit. Free bloomer. Postpaid, 95c.
MONS. JULES ELIE. Light rose pink. Early rose type. Largest flowers of all pink peonies, and very popular. Postpaid, each, \$1.20; 5 for \$5.75.
SARAH BERNHARDT. A large mid-season beauty, apple blossom pink. Postpaid, each, \$1.20; 5 for \$5.75.

IRIS for the Great Plains

IRIS ARISTOCRATS

GREAT LAKES. Finest of all blues. Hardy, strong, tall. Each, postpaid, \$1.25.
IMPERIAL BLUSH. (H. Sass, 1933). The finest of the large frilled orchid pinks. Postpaid, each, 65c.
MELANIE. A very large light orchid pink with tall, strong stems. Another Aristocrat. Postpaid, each, \$2.25.
NARANJA. A new orange color effect. Striking in color and form. Very hardy. Postpaid, each, 60c.
WABASH. Very large white and purple flower on tall, strong stems. Postpaid, each, \$1.00.
WM. MOHR. The entire bloom is a self of pale lilac, closely netted and veined deep violet, producing a weird, yet very lovely effect. A monster flower of medium height, with small foliage. Plant in a dry, well drained spot. Postpaid, each, 60c.

FINEST MIXED IRIS—Contains many outstanding varieties. The best mixture we have ever offered. Do not miss this bargain. Postpaid, each, 25c; dozen, \$2.50.

TALL BEARDED

Prices unless otherwise quoted: Postpaid, each 40c; dozen, \$4.50.

We are still basing our selected Iris list on the recommendations of our good Iris specialist friend, Rev. E. L. Jackson. According to his observations, this list is outstanding for hardiness, and also carefully selected for variety and beauty.
ANITRA. Large flowered and tall. A verbenia violet or exquisite soft blue. Very fragrant.
CHEERIO. A bright sparkling red bi-color.
CLARIBEL. (J. Sass, 1936). A large-flowered plicata, white standard edged with blue, tall with 40-inch stems. Postpaid each, 50c; doz., \$5.00.
CRYSTAL BEAUTY. (J. Sass, 1935.) A large-flowered self of pure white. Tall, well branched.
DEPUTE' NOMBLOT. Rosy purple and garnet red. A giant in size and has been outstandingly hardy for the past 10 years.
GOLDEN LIGHT. A highly ruffled and very free flowering

cinnamon-orange buff affair. It completely displaces the older Euphony, and can be had at a remarkably low price. Fine for cutting and for garden effect.
KANSAS INGLESIDE. A large, warm-toned red self. A fall bloomer often.
MARCO POLO. A large red Iris of striking appearance. Standard, rose; falls crimson; strong grower. Postpaid, each, 50c; doz., \$5.50.
PINK OPAL. A tall, large flowered Iris of lilac tone. Hardy and a good bloomer.
RAMESES. One of the very finest of all golden buff and pink, with a large growth and many blooms.
WAR EAGLE. A rich, deep red toned Iris. A prolific bloomer of medium size and great hardiness.
WINNESHIEK. A fine tall deep purplish blue, leaves lighter toward the margins.

INTERMEDIATE IRIS

Prices, unless otherwise quoted: Postpaid, each, 35c; doz., \$3.25.

These bloom about half way between the early dwarf and tall bearded sorts. Most autumn flowering varieties belong to this class.
AUTUMN KING. With us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color.
WHITE AUTUMN KING. A beautiful white intermediate that usually blooms well in the fall.
ELEANOR ROOSEVELT. The best fall bloomer of recent years. Deep blue in color and of high quality.

DWARF EARLY IRIS

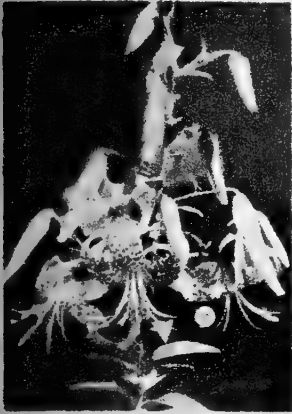
DARK BLUE PUMILA. A very handsome early dwarf Iris, 6 to 8 inches tall. Blooms in early May. Very hardy. Postpaid, each, 25c; doz., \$2.50.
FAIRY. Another lovely extra early Iris, very hardy, a profuse bloomer, a fine pale blue in color. Postpaid, each, 25c; dozen, \$2.50.
FLORIDA. A handsome yellow. Postpaid, each, 30c; doz., \$3.20.
JOSEPHINE. Large, showy, pure white. Postpaid, each, 35c; doz., \$3.25.
EUROPEAN FLAG. The tall, moisture-loving flag with pale yellow blossoms, very useful around a pool. Postpaid, each, 25c; doz., \$2.50.



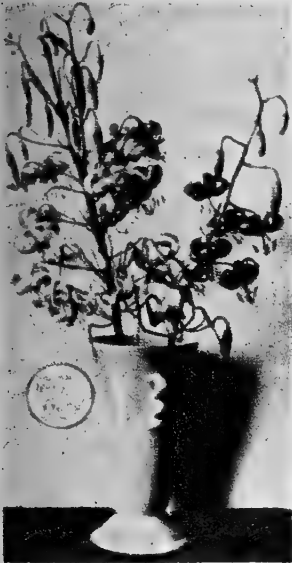
Fairy Iris

LILIES

Prices, unless otherwise quoted:
each 35c; doz., \$3.50; postpaid, each
40c; doz., \$4.00.



Tiger Lily



Maxwell Lily

DOUBLE TIGER LILY. Lighter shades and more delicate blossoms than in the single. One to three weeks later. Same height.

SINGLE TIGER LILY. Blooms in late July. 2-4 feet.

FORTUNEI TIGER LILY. A later and taller form of the tiger lily. It grows 5 to 6 feet tall and blooms the latter part of August.

BLACKBERRY LILY. A small lily with mottled red flowers. 2 to 3 feet tall, foliage resembles iris. Blooms through July.

DAURICUM OR CANDLESTICK LILY. Grows 2 feet high, bears clusters of orange red flowers resembling the Elegans, but the plant is a trifle taller and later. The flowers larger.

CORAL OR TENUIFOLIUM. Blooms in May and June. Spikes 18 in. to 2 feet tall, bear numerous bright red flowers, facing down and with reflexed petals. Native of Siberia.

GOLDEN GLEAM. Derived from the Coral Lily which it resembles in every way except for its attractive orange color.

ELEGANS or RED RUSSIAN. An old fashioned favorite, 18 in. tall, with clusters of red bells turned to the sky. Blooms in June.

LILY OF THE VALLEY. The outstanding early flower for very shady locations.

DAY LILY. We offer a mixture of extra hardy day lilies which have survived at our nursery for several years.

SKINNER LILIES (From Manitoba).

MAXWILL. One of Mr. Skinner's finest, for which he was recognized by the Royal Horticultural Society of London. Flowers nodding, like the Coral Lily on a very large scale; stalk 6 to 7 feet tall, covered with many of the large bells. Blooms in July. Postpaid, each, 50c.

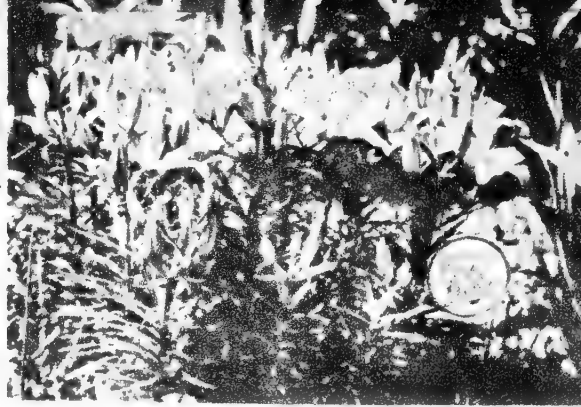
SKINNER'S AZALEA LILY. One of his newest and finest. 26 to 30 in. high with massive clusters of apricot colored blossoms carried erect, 18 to 24 to the stalk.

SCOTTIAE. A Skinner lily, 2 to 3 feet tall. Bright orange flowers facing outward, many to a stalk. Blooms in July. Each, 65c; postpaid, each, 70c.

PHILADELPHICUM HYBRID NO. 12. One of F. L. Skinner's Flame Lily crosses from Canada. Very hardy; blooms in late June and July.

W. H. SIMMONS. A handsome orange colored lily similar in shape to Elegans.

SKINNER NO. 5. Another cross between Asiatic and the native flame lily, a lighter orange than Simmons.



Azalea Lily

Philadelphicum No. 12



Other Flowering Perennials

Prices, unless otherwise quoted: Each, 35c; dozen, \$3.50; Postpaid, each 40c; dozen, \$4.00.

ACHILLEA, The Pearl. White, aster-like blooms. June-Sept. 18-in.

BABY'S BREATH. Standard. Feathery white, 18-24 in. Blooms all season.

BRISTOL FAIRY. Large double. Grafted roots. Each, 75c; postpaid, each, 82c.

BLEEDING HEART. Blooms in May. Each, 75c; postpaid, each, 82c.

BOUNCING BET (Saponaria). Pinkish white, 12-18 in., blooms all season. Resembles Phlox.

CAMPANULA, Rapunculoides. Blue Bell. 30 in. Blooms June and July.

COLUMBINE, Canadensis. Red and yellow. Rocky Mountain. Lovely blue, blooms in June. 18 in.

Hybrid. Mrs. Scott Elliott hybrids in a variety of shades.

Liberty Bell. A cream colored native of Montana.

DAISY, Shasta. Blooms from June till fall. 12 to 18 in.

PAINTED DAISY. Blooms long and often. Various color shades.

GIANT DAISY. Late fall blooming. 4 ft. tall.

DIANTHUS (Splendens). The perennial pink.

ERYNGIUM, Sea Holly. 18 to 36 in. At blooming time the whole plant is blue.

GAILLARDIA, Blanket Flower. 12 to 18 inch. Blooms all season.

GOLDENGLOW. Double.

HOLLYHOCK. We have a lovely selection of colors. Single and Double.

LYCHNIS. Perennial with the brightest of scarlet blossom clusters.

LYTHRUM (Morden Pink). See inside back cover for illustration. An all season lovely pink spike in bloom nearly all summer, 3 ft.

PHYSOSTEGIA. Tall stems topped by white snap-dragon-like flowers blooming in August.

PLATYCODON, Chinese Bellflower. Comes in white. Blooms July and August. Ht. 18 to 30 in.

ICELAND POPPY. This hardy early spring and summer bloomer comes in whites, yellows and orange.

POPPY MALLOW. A low-growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy-like.

SEDUM, Acre. Very small leaved, low growing, yellow flowers.

Spurium. Pink flowers. Ground cover.

Kamschaticum. Yellow flowers.

SIBERIAN SWEET PEA. A rose purple flowered dwarf perennial that blooms over a long period.

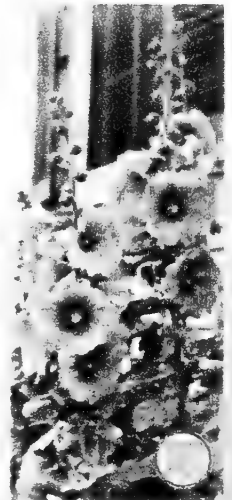
SIBERIAN LAVATERA. 3 to 5 ft. A pink flowering hardy and long blooming perennial with a 3 foot spread.

SWEET WILLIAM. An old favorite. Related to the pinks.

TANSY, Plover Head. Clear yellow flowers in clusters from July on. 2 to 4 ft. A medicinal herb.

VERONICA SPICATA. Long, graceful spikes of clear blue in July.

CRIMSON YARROW. Milfoil, in a dark red color. Hardy, showy. Blooms July and August.



Hollyhock



Giant Daisy



Sedum

NATIVE PERENNIALS of the PLAINS & MOUNTAINS

Prices unless otherwise quoted: Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.50

All perennials and bulbs are subject to sales tax for North Dakota customers.

MARIPOSA LILY. A native of the Dakota Bad Lands and the Rockies. Sometimes called Butterfly Lily or American Tulip. Blooms in early June. Lovely tulip-like white blooms with colored centers on waving stems 10 inches high.

PHILADELPHICUM OR WILD LILY. A form of our native Flame Lily, from Canada, very hardy; blooms in late June and July, when they streak the low prairies with red splashes.

ANEMONE (Canadensis). Large waxy flowers in late June. Bright green foliage.

ANTENNARIA (Pussy's Toes). A fine ground cover.

AMORPHA, Fruticosa. Finely cut leaves, purple bloom in July. 4 to 6 ft.

AMORPHA, Canescens, Lead Plant. Gray foliage. Spikes of purple and gold in July.

BLAZING STAR (Iatris). Tall, 18 to 30 inches. Blooms in July, and purple. Dwarf, 12 to 18 in. tall. Purple spikes in July.

CERASTIUM. A ground cover plant with myriads of white blooms.

ERIGERON (flagellaris). A thick green ground cover, set throughout the summer with pretty daisy-like blooms. Like a carpet.

FLOWERING ONION—(Pink). Graceful and pretty members of the lily family blooming in June and July.

FLAX, Native Blue. Graceful masses of heavenly blue flowers, renewed every morning for weeks, June to September. 18 in. tall. (Also in white.)

GOLDEN ROD (Solidago). We have a tall July blooming variety 18 to 24 in., an August blooming 12 to 18 in. species, both of the graceful, slender type.

GUMBO LILY—Cowboy Lily (White evening primrose). One of the most beautiful of the Bad Lands flowers, 4 to 6 in. high with huge white blossoms which turn pink as they age. Blooms from May through the season.

BUTTERFLYWEED, (Narrow leaved Milkweed). 2 ft. high, clusters of white flowers. Very fragrant.

MEADOWRUPE. A tall, shade loving perennial with feathery flowers in June.

MERTENSIA (Lanceolata)—PRAIRIE BLUEBELL. 6 to 10 in. tall. Blooms in May and early June with a cluster of bright blue bells.

RED MALLOW (malvastrum). Known to prairie children as "wild geranium," 4 to 6 in. tall. Blooms from May to July with many scarlet flowers.

MONARDA (fistulosa). Blooms July and August. 12 to 18 in. Called horsemint. Flower heads of lavender pink.

PRAIRIE PHLOX. Both douglasii and andicola. The creeping, hardy ground cover which becomes a mass of fragrant white stars in May.

PASQUE FLOWER—PRAIRIE CROCUS (Pulsatilla patens). The first prairie flower of spring.

SHOOTING STAR. 12 in. high, blooms in early June. Pink.

RED SPIDERWORT (Tradescantia). 8 to 18 inches. Striking red purple flowers in June and July coming out fresh each morning. Grass-like foliage.

SPIDERWORT (Tradescantia). 8 to 18 in. Striking blue flowers in June and July coming out fresh each morning. Grass-like foliage.

STANLEYA (Pinnata). A very striking native from the Bad Lands. 2 to 3 ft. tall and covered with long, feathery yellow spikes in June and July.

SUNFLOWER MAXIMILIANII. The tall perennial sunflower of the valleys and meadows. Resembles Golden Glow.

THERMOPSIS. The common Yellow Sweet Pea of our western prairies. 6 to 12 in. Blooms in May.

YUCCA (Glaucia)—SPANISH BAYONET. Hardiest of the sword plant family. Long silvery blades with a tall spike of large greenish white bells in July. Fine to group with cactus. Postpaid, each, 30c.

WHITE VIOLET. Our best low perennial for shady spots.

PENTSTEMON

GLABER. 1 to 2 ft. tall. Blooms in June and through July. The clearest of blues, flowers 1 inch across on long spikes.

GRANDIFLORUS. 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across and of tremendous attractiveness.

ANGUSTIFOLIUS. 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.

CRISTATUS. A low growing profuse blooming drought resistant sort. Lavender bells in large size.

GRACILIS. A slender, large flowered sort of purple-lavender color, graceful shape.

DAKOTA CACTI

Postpaid, each, 40c; dozen, \$4.00

OPUNTIA POLYCANtha. With the lovely lemon to orange clusters of flowers in July. The common prickly pear.

OPUNTIA HUMIFUSA. Like the above but with heavier joints and longer white spines. Yellowish green flowers, red fruits.

OPUNTIA FRAGILIS. With slender joints and more delicate spines. Pale yellow flowers.

MAMILLARIA VIVIPARA. The pin-cushion cactus with the rose colored flowers.

IMBRICATA. A tall growing cactus with purple flowers, from the foot hill country.

OPUNTIA RUTILA. Resembles prickly pear, bears carmine flowers instead of yellow.

ECHINOCEERUS VIRIDIFLORUS. The only northern representative of the cylindrical cactus. 3 to 7 in. tall. Flowers greenish in color.



Mariposa Lily



Perennial Flax



Pasque Flower



Gumbo Lily



Native Flame Lily



Pentstemon Grandiflora



Native White Violet

RED and BLACK RASPBERRIES



Chief

RUDDY. Dr. Yeager's hardy and heaviest bearing of all raspberries. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. Each, 20c; doz., \$2.00; postpaid, each 23c; doz., \$2.25.

CHIEF. Hardest of the Minn. Fruit Breeding Farm varieties. A fine colored red raspberry with large and uniform fruit. Very heavy yielding, strong and healthy. Doz., \$1.50; 50, \$6.00; postpaid, doz., \$1.60; 50, \$6.25.

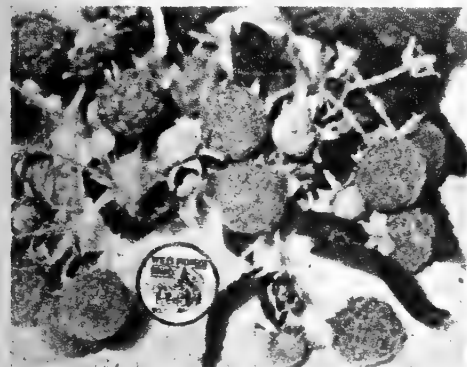
LATHAM. An outstanding commercial berry from the Minn. Fruit Breeding Farm. Does well under more favorable conditions. Doz., \$1.50; 50, \$6.00; postpaid, doz., \$1.60.

SUNBEAM RASPBERRY. We have at last worked up a stock of this old and very hardy favorite from the plant laboratory of Prof. N. E. Hansen. Price: Each, 30c; doz., \$3.00; postpaid, each, 35c; doz. \$3.25.

MRS. HEATH BLACK RASPBERRY. A native collected by Mrs. Heath and perfectly hardy. A very prolific bearer and of excellent quality. Price: Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.25.

SUNRISE. A hardy, new raspberry from the Dept. of Agriculture. 10 days earlier than Latham, high quality, a good yielder. Price each, 30c; doz., \$1.75; postpaid, each, 33c; doz., \$1.90.

SASKATOON—JUNE BERRY—SARVICE BERRY—WESTERN JUNE BERRY. These are all names for the same delicious native fruit. One of our finest wild fruits which improves greatly under cultivation. Useful also as an ornamental shrub. Each, 18 to 24 in., 50c; 10, \$4.50.



Ruddy

doz., \$4.00; postpaid, each 50c; doz., \$5.00.

WHITE GRAPE. A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. Each, 50c; doz., 5.50; postpaid, each, 60c; doz., \$6.00.

MIXED WHITE & RED. Accidentally mixed in our cutting bed; postpaid, 6, \$2.00; f.o.b. here, 6, \$1.90; doz., \$3.75.

NATIVE BLACK. Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price: 18 to 24 in., each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.25; 2 to 3 ft., each 45c; doz., \$4.50.

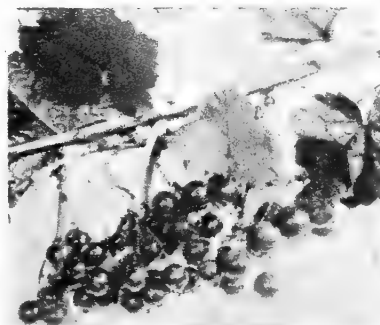
GOLDEN CURRANT. A handsome native yellow flowered ornamental. Equally valuable for its large fruit which makes excellent jam and jelly. Price: 2 to 3 ft., each, 40c; 10, \$3.50; postpaid, each 45c.



Pixwell

CURRENTS

RED LAKE. This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. The best red currant in existence. Price: Each, 40c;



Red Lake

GOOSEBERRIES

PIXWELL. One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 75c; doz., \$8.00; postpaid, each, 80c; doz., \$8.50.

NATIVE WILD. Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. It is the first plant to leaf out in the spring when its new vivid green leaves herald the season. Turns bronze red in fall. Each 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

ABUNDANCE. A very heavy bearing variety from the same breeding as Pixwell, one of Yeager's productions. Each, 75c; doz., \$8.00. Postpaid, each, 80c.

STRAWBERRIES

We are pricing strawberry plants only at post-paid prices. All orders for them will be shipped separately as we cannot usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

MONTANA PROGRESSIVE. A new and improved strain of this hardy everbearing sort. Resistant to yellows and leaf spot. Fruit of high quality and plants very prolific. Originated at the State Experiment Station, Bozeman, Montana. Combines the good quality of the old Progressive with several improvements. Price: 25, \$1.25; 50, \$2.10; 100, \$4.00.

Gem. This everbearing variety has been growing in favor on account of its hardiness, quality and heavy bearing so that we have decided to list it. We have not tried it for any long period as yet. Prices same as for Progressive.

DUNLAP. We have found the Dunlap to be the best all-around June-bearing variety for our climate. The fruit is borne bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning. Price: 25, 90c; 50, \$1.50; 100, \$2.50; 1,000, \$22.00.

CHEYENNE NOS. 1, 2 and 3. New very hardy high quality heavy bearers from the U. S. Plains Exper. Sta. at Cheyenne, Wyo. June bearing type; No. 1 is very early, No. 2 comes about 10 days later and No. 3 still 10 days later. Bred from the native wild strawberry. Price, 1 doz., 50c; 25, \$1.00.



Progressive



Native Wild Grape

BETA. One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size, with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

ALPHA. A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.



Beta Grape

GRAPES

NATIVE WILD (Vitis riparia). To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape juice. 2 yr. plants. Each, 30c; doz., \$2.50, postpaid, each, 35c; doz., \$3.00.

EDIBLE AND USEFUL PERENNIALS

MCDONALD RHUBARB. Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored. Each, 35c; doz., \$3.50; postpaid, each, 45c; doz., \$4.50.

CHIPMAN'S CANADA RED RHUBARB. One of the best of the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. Stems dark red clear to the heart. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Each, 90c; 5 for \$4.25; each, \$1.00, postpaid; 5 for \$4.50.

VALENTINE. Outstandingly the best rhubarb we have ever seen. A Canadian sort that rated highest in Canadian tests. Best flavor, fewest seed stalks and largest of the red sauce producers. Each, \$2.00, or Postpaid, \$2.15.

McDonald Rhubarb

SUNRISE. One of the two very best new Canadian sorts. Darker red than Valentine and not quite as large. Each, \$2.00; postpaid, \$2.15.

MINT. Spearmint, the mint of mint juleps. Easily grown in every garden. Postpaid, each, 20c; doz., \$2.00.

BOHEMIAN HORSERADISH. The best cultivated variety. Doz., 40c; postpaid, doz., 45c.

ASPARAGUS—MARY WASHINGTON. F. O. B. here, doz., 50c; 50, \$1.75; 100, \$3.25; postpaid, doz., 55c; 50, \$1.85; 100, \$3.50.

CHIVES (Schnittlauch). Grass onion. An ornamental with balls of blue blossoms—foliage very useful for flavoring. Each, 30c; doz., \$3.00; postpaid, each, 33c; doz., \$3.25.



HARDY APPLE TREES

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.



Yeager Sweet



Haralson

HARALSON. A real winter apple, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. 3 to 4 ft., each, \$1.10; 5 for \$5.00.

YEAGER SWEET. This Apple, previously listed as a Crab (N. D. No. 6) has been placed after a conference with horticulturists among the real apples. It is 2 to 2½ in. in diameter. It has exactly the flavor of the old-fashioned sweet apple, flesh is of fine texture, and the apples ripen early. Its value is recognized more and more every year. 3 to 4 ft., each, \$1.10; 5 for \$5.00.

MANTET. This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess and is at its best till October. Sturdy trees and heavy bearing. 3 to 4 ft., each \$1.00; 5 for \$4.75.

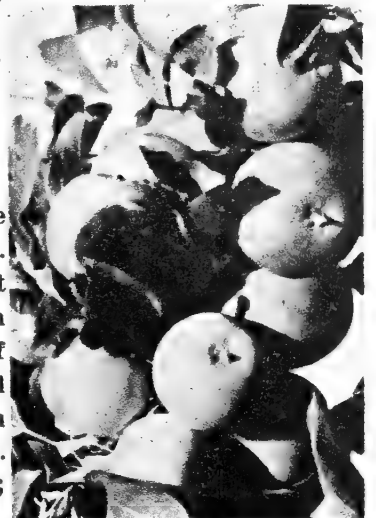
RED DUCHESS. This is much like the common Duchess but with a handsome red color, and of somewhat better quality. Early. 3 to 4 ft., each, \$1.00; 5 for \$4.75.

ANOKA. The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. Each, 3 to 4 ft., \$1.00; 5 for \$4.75.



Anoka

ERICKSON. This is one of the best apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, 3 to 4 ft., each, \$1.00; 5 for \$4.75.

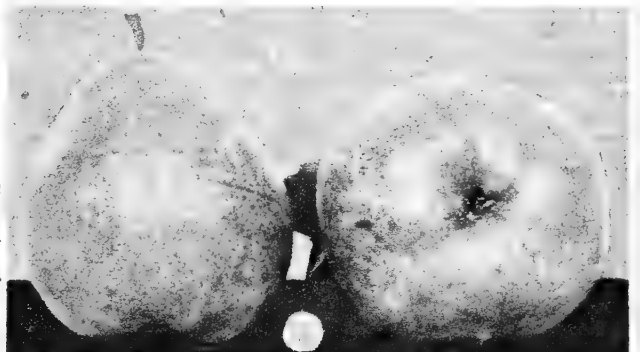


Mantet

WEALTHY. Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft., each, \$1.00; 5 for \$4.75.

HARDY PEARS FROM MANITOBA

PIONEER, TAIT—DROPMORE. These two varieties of Canadian origin are among the hardiest of the species. They are much alike, both being rather small but of excellent flavor. Are hardy well into southern Manitoba. 3 to 4 ft. each, \$1.50.



Hardy Pear



Red River

very large, fine flavored crab, yellow with red blush. Very hardy. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

SIBERIAN CRAB. Perhaps the hardiest of all crabs and an annual

bearer. Sturdy handsome tree. A heavy yielder of small yellow fruits. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.



Golden Anniversary

RED RIVER, Dr. Yeager's fine crab. A cross between Dolgo crab and Delicious apple. Wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. 3 to 4 ft. Each, \$1.00; 5 for \$4.75.

FLORENCE. A Minnesota variety, which has proven particularly hardy in the Great Plains. A fine handsome tree with heavy crops of beautiful, round medium sized crab apples of very good flavor. 3 to 4 ft. Each \$1.00; 3 for \$4.50.



Florence

MARTHA-DOLGO. A new cross between Dolgo and the large Crab, Martha. Has all the good qualities of Dolgo, is larger and better flavored. 3 to 4 ft. Each \$1.25; 5 for \$5.25



Siberian Crab

WHITNEY. One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each \$1.00; 5 for \$4.50.

DOLGO. Dr. N. E. Hansen's wonderful production. Outstanding for hardiness, for ornamental value and for fruit. A sturdy, upright tree. A heavy bearer. Fruit of a very bright red color, somewhat oval, medium in size. Matures in September. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

ORNAMENTAL FLOWERING CRABS

These are all perfectly hardy and not even the famous Japanese Cherries of Washington, D. C., can equal them in their beauty, which persists throughout the season in fruit and foliage.

PYRUS BACCATA. The Siberian cherry apple. Hardest of the apple family. A handsome ornamental and useful as a root stock for more tender sorts. White to pink flowers in masses. Makes good jelly. 3 to 4 ft. Each, 60c; 5 for \$2.75.

HOPA. Dark red flowers, fruit and foliage. From Dr. Hansen. 3 to 4 ft. Each \$1.00.

SCUGOG. A beautiful Canadian crab with very large bright red flowers and good-sized fruit with pink flesh. 3 to 4 ft. Each \$1.40.

PINK EYE. Large flowers. White with a distinct pink center. 3 to 4 ft. Each \$1.00.

RED FLESH. Pink flowers, reddish foliage, dark red fruits with red flesh. 3 to 4 ft. Each \$1.00.

MINNESOTA WILD CRAB. Hardest strain of the American pink flowering crab. Latest bloomer of the apple family. 3 to 4 ft. Each \$1.20.

Ornamental
Crabs

Dolgo

CHERRIES and CHERRY HYBRIDS

SAND CHERRY (*Prunus besseyi*). The native bush cherry of the Great Plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. 2 to 3 ft., each, 75c; 5 for \$3.50; 2 to 18 in., each, 20c; 10, \$1.75.

WESTERN CHOKECHERRY (*Prunus melanocarpa*). Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. 12 to 18 in., each, 50c; 10, \$4.50; seedlings, each 20c; 10, \$1.75.

Sand Cherry →



Chokecherry



CHERRY HYBRIDS

CONVOY CHERRY. (See inside front cover for colored picture.) A new and superior Cherry from Manitoba. This hybrid has a tree habit, fruit is a clear bright red, large and most delicious. A handsome ornamental. Grown for us by the originator, W. J. Boughen. Very hardy. Price, each, \$2.25.



Convoy Cherry

COMPASS. The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivalled for sauce, jelly or jam. Hardy throughout the whole Northwest. 3 to 4 ft., each, \$1.20.

OKA. Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. 3 to 4 ft., each, \$1.00; 5 for \$4.75.

BROOKS. A sand cherry selection from the Canadian Experimental Station at Brooks, Alberta. Fruit large, flavor sweet. Outstanding. 18 to 24 in., each, \$1.20.

BLACK BEAUTY. Similar to Brooks, but a selection made by the late George Chipman of Winnipeg. Very hardy. 3 to 4 ft., \$1.20.

ORNAMENTAL CHERRIES

PURPLE LEAVED SANDCHERRY—CISTENA. Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 90c.

PRUNUS JAPONICA. A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 18 to 24 in., each, 50c; 5 for \$2.00.

NANKING CHERRY. A beautiful ornamental. A delicious fruit. We have a limited number of Minn. Fruit Breeding Sta. selections, picked for yield and quality of fruit. Each, \$1.00.



Compass Cherry



Oka



Prunus Japonica



Nanking Cherry

PLUMS and PLUM HYBRIDS

Plant Several Types Together or Plant with Cherries to Insure Pollination

WILD PLUM. This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. 2 to 3 ft., each, 40c; 10, \$3.50; 3 to 4 ft., each, 60c; 10, \$5.00. See page 59 for seedlings.



Wild Plum



Opata

OPATA. A cross between sandcherry and Gold Plum by Dr. N. E. Hansen. The most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1 1/2 in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August. 3 to 4 ft. Price, each, \$1.20; 5 for \$5.50.



Underwood

TECUMSEH. Professor Patterson of the University of Saskatchewan Horticultural Dept. says, "It is a high class plum with considerable promise for the north." One of Dr. Hansen's productions. Very good at Mandan. 3 to 4 ft., each, \$1.30.

DURA. The Dominion authorities have so named the fine P-4A-18 Sapa seedling in recognition of its long lasting qualities after it is ripe. A beautiful fruit; bears tremendous crops of large mottled plums with rich dark purple flesh and very small pits. A week or more later than Sapa. Fruit hangs to the tree for a long time, and shrivels without spoiling. 3 to 4 ft., each, \$1.30.



Dura

PEMBINA. A Dr. Hansen origination. One of the largest and finest of hardy plums from the Canadian prunus nigra blood. Early. 3 to 4 ft., each, \$1.20.



Weneta

BOUNTY. A Canadian cross with prunus nigra blood. Large, quality good. Extremely hardy. 3 to 4 ft., each, \$1.30.

UNDERWOOD. Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper, 3 to 4 ft., each, \$1.20; 5 for \$5.00.

SPLENDID. This fine plum, which we first tried at the recommendation of Mr. J. H. Gerbracht, and which he has grown for many years, is the best adapted to western Plains conditions of

any of the really high quality sorts. 3 to 4 ft., each, \$1.25.

WANETA. Apparently the hardest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drouth resistant. Ripens in midseason. The best large plum for the Great Plains. 3 to 4 ft., each, \$1.20.

HARDY APRICOT

SCOUT. The Canadian extra hardy apricot, fair sized and of good quality. We are glad to offer it again. Plant with Manchurian to insure pollination. 3 to 4 ft., each, \$1.50.

MANCHURIAN. A very hardy North Asiatic apricot. Fruit about 1 inch long, stone small, flesh sweet and pleasing, parent of the hardest named varieties and pollenizes for them, but a useful fruit in itself. 2 to 3 ft., each, 50c; 5, \$2.25.



Splendid

CHOICE SEED POTATOES

Prices subject to change. Write for our Blue Price List and Prices on Larger Lots

TRIUMPH. An early, round red potato much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 90c; $\frac{1}{2}$ bu., \$1.50; bu., \$2.50; 100 lbs., \$4.10

WARBA. A cross between Triumph and a Minnesota seedling. Round white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 90c; $\frac{1}{2}$ bu., \$1.50; bu., \$2.50; 100 lbs., \$4.10.

EARLY OHIO. The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., \$1.10; $\frac{1}{2}$ bu., \$1.90; bu., \$3.00; 100 lbs., \$4.75.

IRISH COBBLER. A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many to the hill. F. O. B. here, pk., 90c; $\frac{1}{2}$ bu., \$1.50; bu., \$2.50; 100 lbs., \$4.10.

CHIPPEWA. Probably the best quality and heaviest yielding of the medium late white potatoes. F. O. B. here 1 pk., \$1.00; $\frac{1}{2}$ bu., \$1.50; bu., \$2.75; 100 lbs., \$4.50.

ARCTIC WHITE. A very heavy yielding mid-season white potato which originated at the Alaska Experiment Sta. F. O. B. here, pk., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.00.

PONTIAC. Write for prices.

POTATO EYES

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable in transportation costs. Price, 100 postpaid, 75c; 1000, \$6.50. F.O.B. here, 1000, \$5.50.

WEEDONE. Kills poison ivy, dandelions, bindweed and practically all other broad leaved weeds and garden plants including Russian thistle and plaintain. Does not injure grass. Use one part to 60 to 100 parts water. Postpaid, 6 oz. (enough for 300 sq. ft.), 75c; F. O. B. here; 1 qt., \$2.50; 1 gal. \$7.50; 5 gals. @ \$6.00 per gal.

DUPONT AMMATE WEED KILLER. (P.) A new very effective weed killer. Kills poison ivy, brush and trees as well as weeds. 2 lb. pkg., 75c; postpaid, 90c; 6 lb. pkg., \$2.50.

KARMEX. A 2-4-D selective weed killer. Kills weeds and not grass. Tablet form to dissolve in water, 1 tablet to 2 quarts of water. 25 Tablet-bottle, \$1.00; 100 Tablet-bottle, \$3.40.

DUPONT 2-4-D WEED KILLER. 1 $\frac{1}{2}$ lbs. per acre. A powder soluble in water. F.O.B. here, 5 lbs., \$14.10; 25-lb. drum, \$56.25.

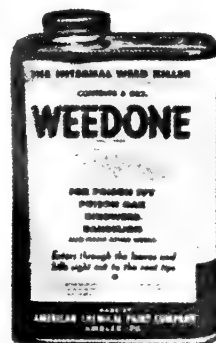
CRAB GRASS KILLER. Destroys Crab Grass in the lawn without hurting the lawn grass. Cleans up the unsightly weed grass completely. Price, 8 oz. bottle (makes 4 gallons of spray), 85c, F.O.B. here.

HORMEX. The hormone spray. Stops pre-harvest drop of apples and fruits. Holds apples on the tree to maturity of size and color. Also can be used to reduce drop of garden flower buds and blossoms. Garden package, postpaid, 75c.

DOWAX. To spray on evergreen and other Nursery Stock for winter protection. Price, F. O. B. here, 1 lb., 45c; 5 lbs. @ 42c.

NEW SEAMLESS COTTON GRAIN SACKS. Write for prices.

ROOT GROWTH STIMULATOR. The newest marvel in chemical application to roots, plants, bulbs, etc. Stimulates root growth to an unbelievable extent and permits the quick rooting of cuttings. Minimum size package will treat several hundred items. Each, \$1.00; postpaid, \$1.10.



VITAMIN B1—GROWTH STIMULANT

To be dissolved in water and used indoors on house plants as well as on plants growing outside. B1 Tablets, pkg., 25c; 27c postpaid.

SPRAYERS

22GO Banner (4 gallon Steel Tank).....\$10.00
No. 14Q—Blizzard (1 qt. Copper Tank)... 3.75
Smith Flame Gun..... 24.00

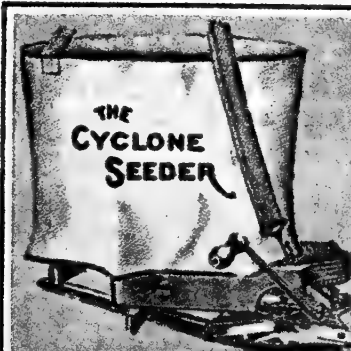
No. 15S Spraymaster (3 quart).....\$2.50
20 Big Boy (Glass Jar Sprayer)..... 1.00
No. 36D Dustmaster (Glass Jar Duster)... 1.35

LANG'S HAND WEEDER

HARDEST
TOOL
ON EARTH.



The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.



To broadcast Grain, Grass and Clover Seed. Also to Seed Onions and Rutabaga. Full instructions and directions on every machine. Price, postpaid, each, \$2.75; F. O. B. Bismarck, \$2.60.

Fertilizers for All Purposes

Prices Subject to Change Without Notice.

Experiments during the past few years have shown that phosphorus is the most needed element in most prairie soils.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as Vigoro are the most economical and convenient to use and the best adapted.

VIGORO

Complete plant food

For lawn, flowers, small fruits and the vegetable garden Vigoro is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the garden Vigoro is the ideal fertilizer. Apply it to



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PLANT FOOD



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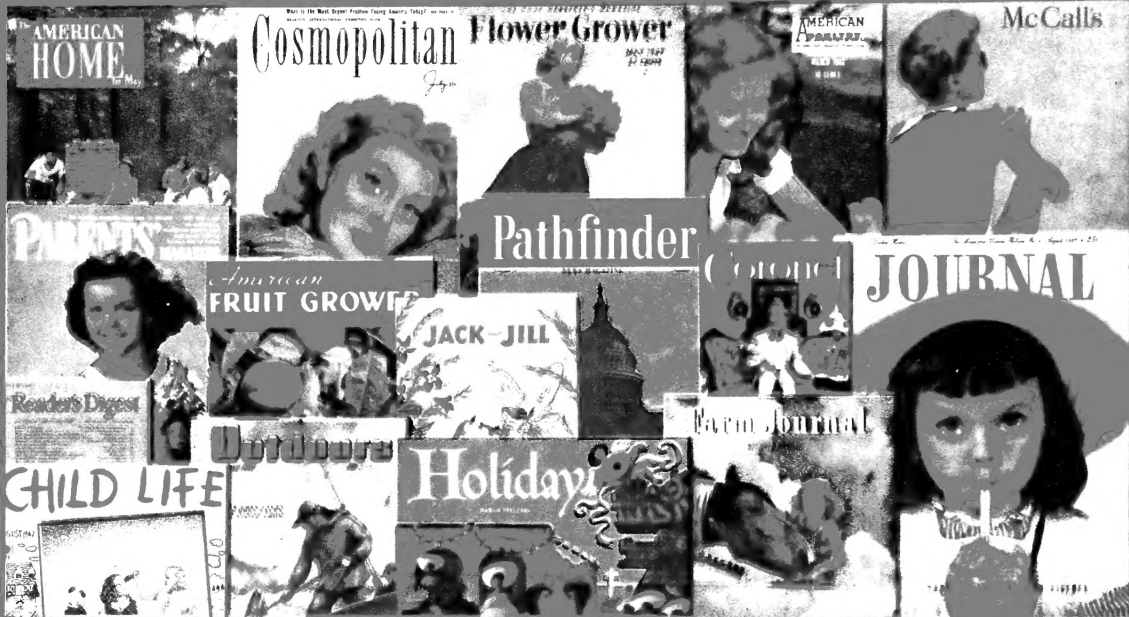
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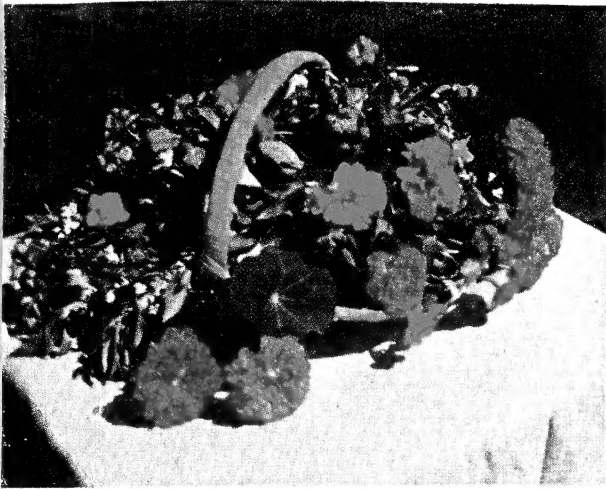
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WILL'S GLORIOUS FLOWER COLLECTION



\$1.00

11 Packets of Annual Flower Seed

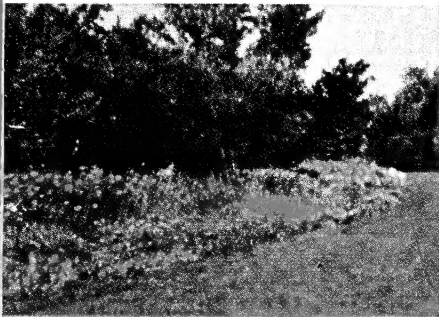
for cutting or bedding with cultural directions and plan for bed planting. One each of the following:



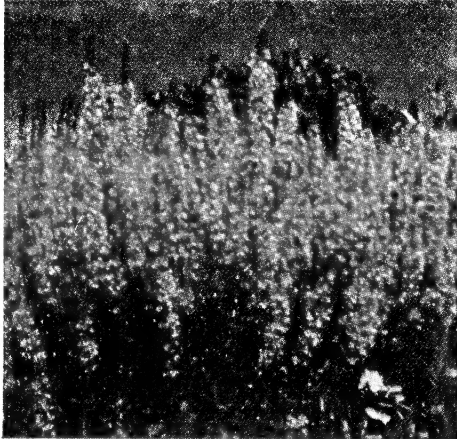
Blue Perfection Ageratum
Little Gem Alyssum
Double Blue Bachelor Button
Rose Flowered Balsam
Double Mixed Clarkia

Annual Rose King Larkspur
Guinea Gold Marigold
Golden Gleam Nasturtium
Rosy Morn Petunia
Crimson Gem Pompon Zinnia
Dahlia Flowered Zinnia

The New All American Radiance
Cosmos 1948 Silver Medal Winner
The first bicolor Cosmos. Pkt., 25c



Planting of annual flowers at the Morden Experiment Sta.



GIANT DAISY

An autumn bloomer. See page 69.
Postpaid, each, 45c; doz., \$4.00.

GLADIOLUS

See page 57 for our select list.
20 for \$1.20 Postpaid

SINGLE TIGER LILY

One of our most dependable lilies.
See page 69.
Postpaid, each, 45c; doz., \$4.00.

MORDEN PINK LYTHRUM

Blooms all summer. See page 69.
Price, Postpaid, each, 40c; doz., \$4.00.

HARDY OUTDOOR MUMS

Postpaid, ea., 45c;
doz., \$4.00.

See

page 69.



WILL'S PIONEER HOME GARDEN COLLECTION

Planned for a garden 25x100 feet in 25-foot rows, with cultural leaflet included. Amount, variety, space required, distance between rows, and prices are shown in the following:

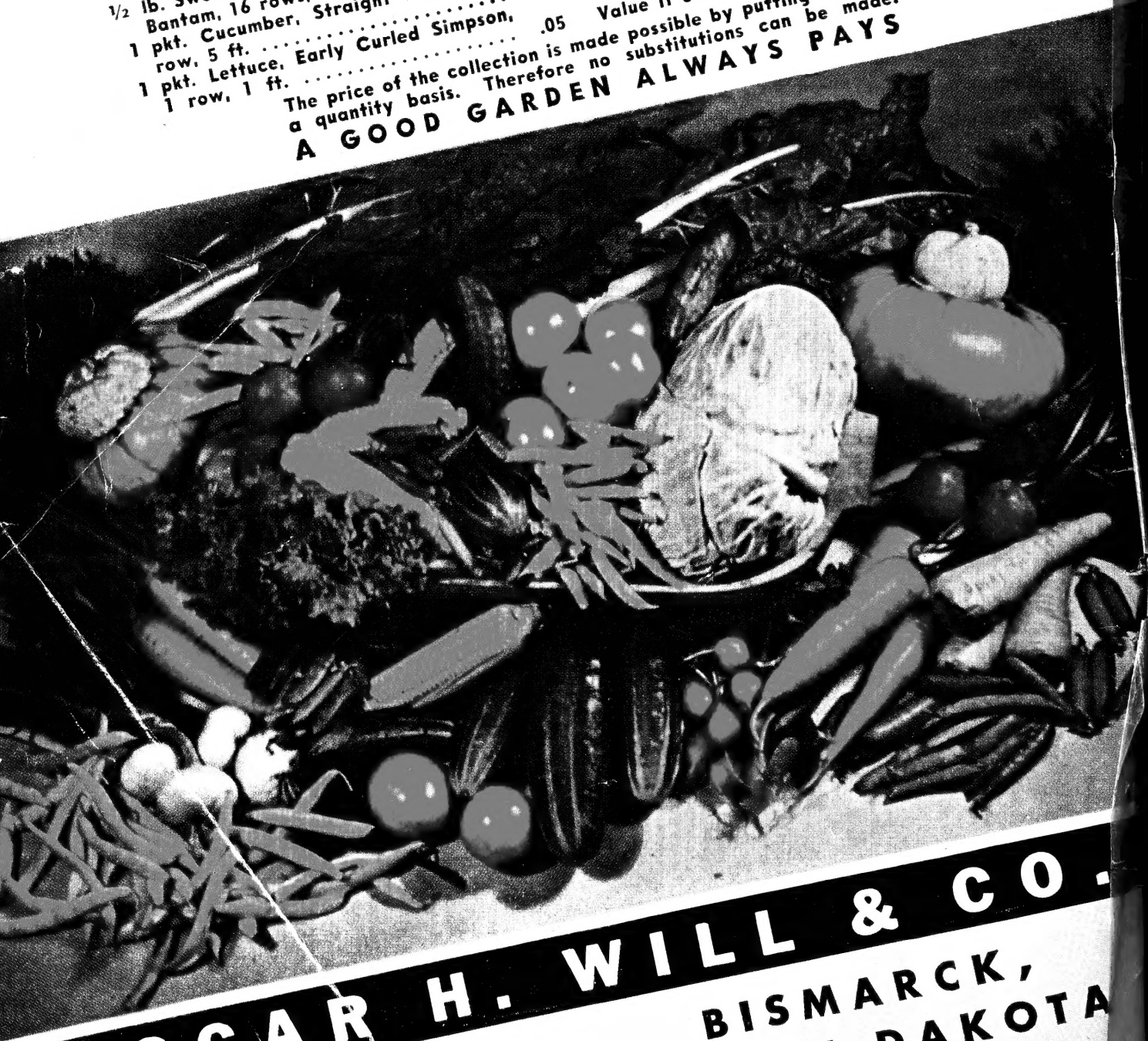
1/4 lb. Beans, Top Notch Golden Wax, 1 row 2 ft.	\$0.18	2 pkts. Onion, Early Yellow Globe, 2 rows, 18 inches	\$0.20
1/4 lb. Beans, Tendergreen, 1 row, 2 ft. ....	.18	1 pkt. Parsnip, Improved Guernsey, 1 row, 18 inches ....	.05
1 oz. Beet, Detroit Dark Red, 3 rows, 18 inches ....	.20	1/2 lb. Peas, Laxton's Progress, 2 rows, 18 inches ....	.30
1 pkt. Cabbage, Copenhagen Mkt., 3 rows, 2 ft. ....	.10	1/2 lb. Peas, Lincoln, 2 rows, 2 ft. ....	.30
1 pkt. Carrot, Coreless, 1 row, 18 inches ....	.10	1 oz. Radish, Early Carmine, 2 rows, 1 ft. ....	.14
1 pkt. Carrot, Imperator, 1 row, 18 inches ....	.10	1 pkt. Squash Banquet, 1 row, 5 ft. ..	.10
1/2 lb. Sweet Corn, Great Plains Golden Bantam, 16 rows, 3 ft. ....	.25	1 pkt. Swiss Chard, Lucullus, 1 row, 18 inches ....	.07
1 pkt. Cucumber, Straight Eight, 1 row, 5 ft. ....	.10	1 pkt. Tomato, Victor, 3 rows, 3 ft. ..	.10
1 pkt. Lettuce, Early Curled Simpson, 1 row, 1 ft. ....	.05		

The price of the collection is made possible by putting it up on a quantity basis. Therefore no substitutions can be made.

A GOOD GARDEN ALWAYS PAYS

\$1.90

POST PAID



OSCAR H. WILL & CO.
BISMARCK,
NORTH DAKOTA